

Florida Department of Education
Curriculum Framework

Program Title: Criminal Justice Technology Specialist
Career Cluster: Law, Public Safety & Security

CCC	
CIP Number	0743010304
Program Type	College Credit Certificate (CCC)
Program Length	24 credit hours
CTSO	N/A
SOC Codes (all applicable)	33-3051 Police and Sheriff’s Patrol Officers 33-3012 Correctional Officers and Jailers 33-1099 First Line Supervisors of Protective Service Workers, All Other
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This certificate program is part of the Criminal Justice Technology AS degree program (1743010302).

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.).

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

This program prepares students to work in law enforcement, corrections, private/industry security, and other criminal justice, legal or public service related fields. The program prepares students to work as Police and Sheriff’s Patrol Officers (SOC 33-3051), Correctional Officers and Jailers (SOC 33-3012), and criminal justice practitioners/supervisors/managers in law enforcement agencies, correctional institutions, juvenile courts, crime laboratories, and mobile units dealing with physical evidence, etc. or to provide supplemental training for persons previously or currently employed in these occupations (SOC 33-1099). The program may also be beneficial to professionals seeking incentive benefits or career enhancement in the field.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Describe and discuss the criminal justice system.
- 02.0 Describe and discuss juvenile delinquency.
- 03.0 Summarize criminal justice administration.
- 04.0 Describe and discuss the role intermediate sanctions have in correctional policy.
- 05.0 Explain evidence and rules of evidence.
- 06.0 Identify issues relating to human diversity in the criminal justice system.
- 07.0 Identify factors critical to maintaining physical security and control.
- 08.0 Demonstrate oral, written, and interpersonal communication skills.
- 09.0 Demonstrate basic computer skills and competency in common software applications.

Florida Department of Education
Student Performance Standards

Program Title: Criminal Justice Technology Specialist
CIP Number: 0743010304
Program Length: 24 credit hours
SOC Code(s): 33-3051, 33-3012, 33-1099

This certificate program is part of Criminal Justice Technology AS degree programs (1743010300). At the completion of this program, the student will be able to:

01.0	Describe and discuss the criminal justice system--The student will be able to:
01.01	Define the primary components of criminal justice and their primary responsibilities.
01.02	Identify problems that keep the system from functioning effectively and efficiently.
01.03	Explain the function and procedure of the federal Uniform Crime Reporting (UCR) Program.
01.04	Contrast present day criminal justice traditions and practices with their historical precedents and beginnings.
01.05	List the procedures an offender undergoes in his/her progression through the system.
01.06	Define and evaluate the present day value of the Peelian Principles.
01.07	Identify courtroom procedures.
01.08	Discuss the implications of constitutional law, case, and statutory law and their relationship to the criminal justice system.
01.09	Discuss the history and evolution of corrections.
01.10	Discuss the philosophies of incarceration.
01.11	Discuss the major problems facing contemporary corrections.
02.0	Describe and discuss juvenile delinquency--The student will be able to:
02.01	Define juvenile delinquency.
02.02	Explain the proceedings of the juvenile court system.
02.03	Compare the advantages and disadvantages of juvenile incarceration.

02.04	Identify some of the major causes of juvenile delinquency.
02.05	Identify the problem areas that have an influence upon juvenile delinquency between peers, parents and school.
02.06	Discuss the relevance and dynamics of gangs as they relate to juvenile delinquency.
02.07	Discuss the importance of the public school system relative to the detection and prevention of juvenile delinquency.
02.08	Describe juvenile rehabilitative programs.
03.0	Summarize law enforcement administration--The student will be able to:
03.01	Appraise the impact of national patrol studies.
03.02	Compare and contrast the various organizational structures of law enforcement agencies.
03.03	Give examples of different departmental recruiting techniques.
03.04	Define the general principles of allocation and deployment of patrol resources.
03.05	Explain the concepts of criminal investigation management and supervision of cases.
03.06	Discuss the importance of specialized units.
03.07	Identify crime prevention techniques.
03.08	Discuss the relevance of Special Operations to the administration of police services.
03.09	Discuss the various technologies utilized by law enforcement agencies.
04.0	Describe and discuss the field of corrections--The student will be able to:
04.01	Define the concept of community based corrections.
04.02	Define and contrast the concepts of probation and parole.
04.03	Identify the advantages of work release and pre-release programs.
04.04	Discuss the problems associated with probation caseloads.
04.05	Identify important historical progressions in the origins of probation and parole.
04.06	Define the general categories of treatment services.
04.07	Explain the different models for the rehabilitation of offenders; such as educational, vocational and therapeutic.
04.08	Identify types of community resources that are available for offender treatment services.

05.0	Explain evidence and rules of evidence--The student will be able to:
05.01	State the purpose of evidence.
05.02	Name and describe types of evidence.
05.03	Define admissibility of evidence.
05.04	Define sufficiency of evidence.
05.05	Discuss the legal procedures for securing admissions and confessions.
05.06	Describe the general process and handling of all evidence from time of discovery through disposition.
05.07	Describe the nature, purpose and legal framework of privileged information regarding evidence.
06.0	Identify the issues relating to human diversity in the criminal justice system--The student will be able to:
06.01	Identify impediments to a successful minority recruitment program.
06.02	Identify major cultural, ethnic and human differences that exist in society.
06.03	Discuss examples of prejudice, discrimination and racism.
06.04	Discuss the psychological concepts of motivation and basic human needs.
06.05	Discuss ethics as it relates to criminal justice.
06.06	Discuss the impact of internal and external controls on criminal justice professionals.
07.0	Identify factors critical to maintaining physical security and control--The student will be able to:
07.01	Identify issues relevant to conducting a risk assessment.
07.02	Demonstrate an understanding of the types of crime handled by private security.
07.03	Demonstrate the ability to conduct a risk assessment.
08.0	Demonstrate oral, written and interpersonal communication skills--The student will be able to:
08.01	Follow oral and written instructions.
08.02	Compose business correspondence and related documents.
08.03	Prepare, outline, and deliver a short oral presentation.
08.04	Participate in group discussion as a member and as a leader.

08.05	Obtain appropriate information from graphics and other visual media.
08.06	Research and interpret information retrieved from print and electronic resources.
08.07	Prepare executive summaries from letters, reports, and/or news articles.
08.08	Research and compose a document containing statistical information.
08.09	Demonstrate knowledge of appropriate spelling, grammar, punctuation, and word choice.
08.10	Proofread and edit documents using proofreaders' marks.
08.11	Prepare documents from rough draft copy, using proofreaders' marks.
08.12	Select the appropriate medium for transmitting information.
08.13	Compose an electronic message using appropriate format and composition.
08.14	Prepare and use technology enhanced materials to support an oral presentation.
09.0	Demonstrate basic computer skills and competency in common software applications--The student will be able to:
09.01	Demonstrate keyboarding techniques.
09.02	Demonstrate basic proficiency in spreadsheet, word-processing, database, and presentation software and e-mail communication.
09.03	Perform research using the internet and intranet

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

This program does not prepare students for certification as correctional officers, law enforcement officers, correctional probation officers, auxiliary correctional officers, or auxiliary law enforcement officers, regardless of the amount of degree work completed. A student must successfully complete a Criminal Justice Standards and Training Commission (CJSTC) Basic Recruit Program to become certified, pursuant to Chapter 943, Florida Statutes.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Homeland Security Specialist
Career Cluster: Law, Public Safety & Security

CCC	
CIP Number	0743010306
Program Type	College Credit Certificate (CCC)
Program Length	9 credit hours
CTSO	N/A
SOC Codes (all applicable)	33-1099 First-Line Supervisors of Protective Service Workers, All Other; 33-1012 First-Line Supervisors of Police and Detectives
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This certificate program is part of the Criminal Justice Technology AS degree program (1743010300).

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.).

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety & Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety & Security career cluster.

This program prepares students to work in law enforcement, homeland security, private/industry security, and other criminal justice, legal or public service related fields. The program prepares students to work as criminal justice or homeland security practitioners/supervisors/managers in law enforcement agencies and homeland security organizations and also provides supplemental training for persons previously or currently employed in these occupations (SOC 33-3051 Police and Sheriff's Patrol Officers, 33-3012 First-Line Supervisors of Police and Detectives, 33-1099 First-Line Supervisors of Protective Service Workers, All Other). The program may also be beneficial to professionals seeking incentive benefits or career enhancement in the field.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Describe and discuss the criminal justice system.
- 02.0 Describe and discuss the field of criminal law.
- 03.0 Identify issues relating to human diversity in the criminal justice system.

Florida Department of Education
Student Performance Standards

Program Title: Homeland Security Specialist
 CIP Number: 0743010306
 Program Length: 9 credit hours
 SOC Code(s): 33-1099, 33-1012

This certificate program is part of the Criminal Justice Technology AS degree program (1743010300). At the completion of this program, the student will be able to:

01.0 Describe and discuss the criminal justice system--The student will be able to:

01.01 Define the primary components of criminal justice and their primary responsibilities.

01.02 Identify problems that keep the system from functioning effectively and efficiently.

01.03 Explain the function and procedure of the federal Uniform Crime Reporting (UCR) Program.

01.04 Contrast present day criminal justice traditions and practices with their historical precedents and beginnings.

01.05 List the procedures an offender undergoes in his/her progression through the system.

01.06 Define and evaluate the present day value of the Peelian Principles.

01.07 Identify courtroom procedures.

02.0 Describe and discuss the field of criminal law--The student will be able to:

02.01 Explain how burden of proof relates to a criminal proceeding.

02.02 Define and contrast civil and criminal proceedings.

02.03 Identify the difference between procedural and substantive due process.

02.04 Explain the legacy of English common law and its relationship to modern jurisprudence.

02.05 Identify the legal elements of crimes.

02.06 Discuss the implications of constitutional, case and statutory law and their relationship to the criminal justice system.

02.07 Discuss legal defenses in criminal law.

02.08	Discuss the Bill of Rights of the U.S. Constitution.
02.09	Give an example of an ex post facto law.
03.0	Identify the issues relating to human diversity in the criminal justice system--The student will be able to:
03.01	List the purposes of a structured public/human relations program within a criminal justice agency.
03.02	Identify and describe community relations programs.
03.03	Identify impediments to a successful minority recruitment program.
03.04	Identify major cultural, ethnic and human differences that exist in society.
03.05	Discuss examples of prejudice, discrimination and racism.
03.06	Discuss the psychological concepts of motivation and basic human needs.
03.07	Discuss ethics as it relates to criminal justice.
03.08	Discuss the impact of internal and external controls on criminal justice professionals.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

This program does not prepare students for certification as correctional officers, law enforcement officers, correctional probation officers, or auxiliary law enforcement officers, regardless of the amount of degree work completed. A student must successfully complete a Criminal Justice Standards and Training Commission (CJSTC) Basic Recruit Program to become certified, pursuant to Chapter 943, Florida Statutes.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Homeland Security
Career Cluster: Law, Public Safety & Security

CCC	
CIP Number	0743010307
Program Type	College Credit Certificate (CCC)
Program Length	15 credit hours
CTSO	N/A
SOC Codes (all applicable)	33 -1099 First-Line Supervisors of Protective Service Workers, All Other
Targeted Occupation List	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This certificate program is part of the Criminal Justice Technology AS degree program (1743010300).

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.).

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The content includes but is not limited to preparing students to work in homeland security and other criminal justice, legal or public service related fields. The program prepares students to work in law enforcement agencies, correctional institutions associated with homeland security and mobile units dealing with physical evidence, etc. or to provide supplemental training for persons previously or currently employed in these occupations. The program may also be beneficial to professionals seeking incentive benefits or career enhancement in the field.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Describe and discuss the criminal justice system.
- 02.0 Identify criminal investigation procedure.
- 03.0 Summarize law enforcement administration.
- 04.0 Demonstrate law enforcement operations procedures.
- 05.0 Describe the field of criminal law.
- 06.0 Explain evidence and rules of evidence.
- 07.0 Identify issues relating to human diversity in the criminal justice system.

Florida Department of Education
Student Performance Standards

Program Title: Homeland Security
 CIP Number: 0743010307
 Program Length: 15 credit hours
 SOC Code(s): 33-1099

This certificate program is part of Criminal Justice Technology AS degree programs (1743010300). At the completion of this program, the student will be able to:

01.0 Describe and discuss the criminal justice system--The student will be able to:

01.01 Define the primary components of criminal justice and their primary responsibilities.

01.02 Identify problems that keep the system from functioning effectively and efficiently.

01.03 Explain the function and procedure of the federal Uniform Crime Reporting (UCR) Program.

01.04 Contrast present day criminal justice traditions and practices with their historical precedents and beginnings.

01.05 List the procedures an offender undergoes in his/her progression through the system.

01.06 Identify courtroom procedures.

02.0 Identify criminal investigation procedures--The student will be able to:

02.01 Explain investigative techniques used in solving crimes.

02.02 Explain the necessity for and the methods of marking and preserving evidence.

02.03 Discuss the importance of evidence to court proceedings following arrest.

02.04 Identify various types of investigative technology.

02.05 Describe the steps of a preliminary investigation.

02.06 Discuss principles of proper interrogation techniques

02.07 Explain the importance of police records to the investigative process.

03.0 Summarize law enforcement administration--The student will be able to:

03.01	Compare and contrast the various organizational structures of law enforcement agencies.
03.02	Define the general principles of allocation and deployment of patrol resources.
03.03	Explain the concepts of criminal investigation management and supervision of cases.
03.04	Discuss the importance of specialized units.
03.05	Identify crime prevention techniques.
03.06	Discuss the relevance of Special Operations to the administration of police services.
03.07	Discuss the various technologies utilized by law enforcement agencies.
04.0	Demonstrate law enforcement operations procedures--The student will be able to:
04.01	Identify proper procedures for responding to media inquiries
04.02	Demonstrate effective oral communication techniques.
04.03	Prepare an effective written report.
04.04	Compare and contrast the various types of patrol techniques
04.05	Explain the importance of establishing good rapport with citizens.
04.06	Discuss safety practices used in stopping suspicious vehicles.
04.07	Differentiate between the generalist and specialist concepts of law enforcement activities
05.0	Describe and discuss the field of criminal law--The student will be able to:
05.01	Explain how burden of proof relates to a criminal proceeding.
05.02	Identify the difference between procedural and substantive due process.
05.03	Identify the legal elements of crimes.
05.04	Discuss the implications of constitutional, case and statutory law and their relationship to the criminal justice system.
05.05	Discuss the Bill of Rights of the U.S. Constitution.
05.06	Give an example of an ex post facto law.
06.0	Explain evidence and rules of evidence--The student will be able to:
06.01	State the purpose of evidence

06.02	Name and describe types of evidence.
06.03	Define admissibility of evidence.
06.04	Define sufficiency of evidence.
06.05	Discuss the legal procedures for securing admissions and confessions.
06.06	Describe the general process and handling of all evidence from time of discovery through disposition.
06.07	Describe the nature, purpose and legal framework of privileged information regarding evidence.
07.0	Identify the issues relating to human diversity in the criminal justice system--The student will be able to:
07.01	List the purposes of a structured public/human relations program within a criminal justice agency.
07.02	Identify and describe community relations programs.
07.03	Identify major cultural, ethnic and human differences that exist in society.
07.04	Discuss examples of prejudice, discrimination and racism.
07.05	Discuss the psychological concepts of motivation and basic human needs.
07.06	Discuss ethics as it relates to criminal justice.
07.07	Discuss the impact of internal and external controls on criminal justice professionals.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

This program does not prepare students for certification as correctional officers, law enforcement officers, correctional probation officers, auxiliary correctional officers, or auxiliary law enforcement officers, regardless of the amount of degree work completed. A student must successfully complete a Criminal Justice Standards and Training Commission (CJSTC) Basic Recruit Program to become certified, pursuant to Chapter 943, Florida Statutes.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Crime Scene Technician
Career Cluster: Law, Public Safety & Security

CCC	
CIP Number	0743010601
Program Type	College Credit Certificate (CCC)
Program Length	28 credit hours
CTSO	N/A
SOC Codes (all applicable)	19-4092 Forensic Science Technicians
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This certificate program is part of the Crime Scene Technology AS degree program (1743010600).

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.).

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to prepare students for employment in the field of criminalistics with a specialty in Crime Scene Technology. The student can serve as, but is not limited to, positions of Forensic Science Technician (SOC 19-4092), Crime Scene Technician, Medical Examiner Investigator, Medical Investigator, Insurance Investigator, Legal Investigator, Forensic Paralegal, Crime Scene Investigator and Laboratory Technician. Students can be employed by state attorneys' offices, public defender offices, medical examiner offices, law firms and private industry

Program Structure

This program is a planned sequence of instruction consisting of 28 credit hours.

Reinforcement of basic skills in English, mathematics, and science appropriate for the job preparatory programs is provided through vocational classroom instruction and applied laboratory procedures or practice. This program focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the public service industry; planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues and health, safety and environmental issues.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Demonstrate knowledge of recording the crime scene and related evidence on film, disc and video.
- 02.0 Demonstrate knowledge of collection and development of evidence.
- 03.0 Demonstrate knowledge of fingerprint development and preservation.
- 04.0 Demonstrate knowledge of crime scene data gathering.
- 05.0 Demonstrate knowledge of mapping, measuring, and logging the crime scene.
- 06.0 Demonstrate knowledge of crime scene safety.
- 07.0 Demonstrate knowledge of crime scene report writing.
- 08.0 Demonstrate knowledge of courtroom testimony presentations.
- 09.0 Demonstrate knowledge and understanding of the criminal justice system.

Florida Department of Education
Student Performance Standards

Program Title: Crime Scene Technician
 CIP Number: 0743010601
 Program Length: 28 credit hours
 SOC Code(s): 19-4092

This certificate program is part of the Crime Scene Technology AS degree program (1743010600). At the completion of this program, the student will be able to:

01.0	Demonstrate knowledge of recording the crime scene and related evidence on film, disc and video--The student will be able to:
01.01	Demonstrate ability to use manual, automatic and digital cameras.
01.02	Demonstrate knowledge, ability and skills in the use of the camera to document the crime scene and related evidentiary materials.
01.03	Demonstrate abilities and skills needed to use the video camera.
01.04	Demonstrate knowledge of written documentation procedures related to crime scene photography.
01.05	Demonstrate knowledge or process and procedures involved in a photo lab.
01.06	Demonstrate knowledge of specialized photo equipment used in crime scene labs.
01.07	Demonstrate ability to use different types of light sources used in evidence detection.
01.08	Demonstrate knowledge of principles and methodology involved in photographing unique crime scene and evidentiary materials.
02.0	Demonstrate knowledge of collection and development of evidence--The student will be able to:
02.01	Demonstrate knowledge of the methodology used in crime scene recording and classifying physical evidence.
02.02	Demonstrate abilities and skills needed in applying basic principles of crime scene investigation.
02.03	Develop an understanding of the concepts of crime scene procedures.
02.04	Demonstrate knowledge and skill in specialized crime scene procedures.
02.05	Demonstrate ability to prepare crime scene related documents.
02.06	Demonstrate ability to coordinate a crime scene investigation with other investigative personnel and agencies.

02.07	Demonstrate knowledge of the capabilities of a full-service crime lab.
02.08	Demonstrate knowledge of the chain of custody of evidence and submission protocols.
02.09	Demonstrate knowledge of appropriate comparison standards.
02.10	Demonstrate knowledge of the testing of biological evidence.
02.11	Demonstrate knowledge of the collection methods of biological evidence.
02.12	Demonstrate knowledge of the understanding of autopsy evidence collection.
02.13	Demonstrate ability to determine appropriate collection, preserving, marking and packaging methods of crime scene evidence.
03.0	Demonstrate knowledge of fingerprint development and preservation--The student will be able to:
03.01	Demonstrate knowledge of the techniques involved in the detection, enhancement and recovery of latent fingerprints.
03.02	Demonstrate appropriate application of processing techniques.
03.03	Demonstrate knowledge of the Henry Modified system of fingerprint classification.
03.04	Demonstrate ability to classify fingerprints using the Henry Modified system.
03.05	Demonstrate ability to roll standard prints.
04.0	Demonstrate knowledge of crime scene data gathering--The student will be able to:
04.01	Demonstrate ability to locate the crime scene.
04.02	Demonstrate knowledge of when to identify the items related to the crime.
04.03	Demonstrate knowledge of when to initiate investigative note taking.
04.04	Demonstrate ability to develop a plan of action for conducting the crime scene investigation.
04.05	Demonstrate ability to locate, identify, preserve and collect perishable items at the crime scene.
05.0	Demonstrate knowledge of mapping, measuring, and logging the crime scene--The student will be able to:
05.01	Demonstrate ability to search the crime scene and determine the method to map, measure and log the scene.
05.02	Demonstrate ability to sketch the crime scene.
05.03	Demonstrate ability to locate the evidence in crime scene reproductions by taking the appropriate measurements.
05.04	Demonstrate ability to prepare the final sketch for courtroom presentation.

06.0	Demonstrate knowledge of crime scene safety--The student will be able to:
06.01	Demonstrate knowledge of the potential health and safety hazards one could encounter at a crime scene.
06.02	Demonstrate skills and techniques to minimize risk to self and others at the crime scene.
06.03	Demonstrate knowledge of state and federal regulations regarding hazardous materials as related to crime scenes.
06.04	Demonstrate knowledge of emergency procedures involving personal risk in a crime scene situation.
06.05	Demonstrate knowledge of the understanding of safe and proper methods of handling biological evidence at a crime scene.
06.06	Demonstrate knowledge of the proper handling of weapons and related evidence.
06.07	Demonstrate knowledge of the kinds, and use, of protective equipment for crime scene processing.
07.0	Demonstrate knowledge of crime scene report writing--The student will be able to:
07.01	Demonstrate ability to write a report in accepted police/legal format.
07.02	Demonstrate knowledge of the ability to gather and organize data for the report.
07.03	Demonstrate ability to generate a report using a computer and dictation.
07.04	Demonstrate ability to proofread and edit a report.
07.05	Demonstrate knowledge of the use of proper spelling, grammar and punctuation.
08.0	Demonstrate knowledge of courtroom testimony presentations--The student will be able to:
08.01	Demonstrate the knowledge and skill needed in courtroom proceedings.
08.02	Demonstrate the knowledge and skill needed to develop visual aid materials for use in courtroom proceedings.
08.03	Demonstrate the understanding of effective listening techniques in order to answer a direct or cross-examination.
08.04	Demonstrate the knowledge and skills of preparing for courtroom testimony.
09.0	Demonstrate knowledge and understanding of the criminal justice system--The student will be able to:
09.01	Demonstrate knowledge of the philosophical and historical background of the American criminal justice system.
09.02	Demonstrate knowledge of the organization, operation and processes of the criminal justice system components: police, courts and corrections.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Gang-Related Investigations
Career Cluster: Law, Public Safety & Security

CCC	
CIP Number	0743010705
Program Type	College Credit Certificate (CCC)
Program Length	24 credit hours
CTSO	N/A
SOC Codes (all applicable)	33-1099 First-Line Supervisors of Protective Service Workers, All Other
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This certificate program is part of the Crime Scene Technology AS degree program (1743010600).

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.).

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

This program prepares students to work in law enforcement, corrections, private/industry security, and other criminal justice, legal or public service related fields. The program prepares students to work as criminal justice practitioners/investigators in law enforcement agencies, correctional institutions, juvenile courts, social service agencies or to provide supplemental training for persons previously or currently employed in these occupations (SOC 33-1099). The program may also be beneficial to professionals seeking incentive benefits or career enhancement in the field.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Describe and discuss history, classification and social factors of gangs.
- 02.0 Describe and discuss the principles of investigating, prosecuting and preventing resurgence of gangs.
- 03.0 Describe and discuss the interrelationship of gangs, drug trafficking, conspiracy and terrorism.
- 04.0 Describe and discuss the principles of managing a security threat of gangs in a correctional or detention facility.
- 05.0 Describe and discuss the relationship between domestic gangs and Central American/Mexican gangs.
- 06.0 Describe and discuss how technology is utilized in gang investigations and by gangs.
- 07.0 Describe and discuss the contemporary gang-related investigation topics, problems and issues.
- 08.0 Demonstrate prevention, intervention, prosecution and suppression skills utilized to impact gangs and gang crimes.

Florida Department of Education
Student Performance Standards

Program Title: Gang-Related Investigations
CIP Number: 0743010705
Program Length: 24 credit hours
SOC Code(s): 33-1099

This certificate program is part of the Crime Scene Technology AS degree program (1743010600). At the completion of this program, the student will be able to:

01.0	Describe and discuss history, classification and social factors of gangs--The student will be able to:
01.01	Discuss the definition and evolution of gang activity.
01.02	Describe the social factors which appear to be the root cause of gang formation.
01.03	Describe the four general gang classifications: turf, crime for profit, philosophical and hybrid.
01.04	Discuss concepts related to turf-oriented gangs.
01.05	Describe money generating gangs or crime for profit gangs.
01.06	Describe gangs formed based on political or religious philosophies.
01.07	Describe hybrid gangs.
01.08	Explain the strategies and methodologies in investigation, community efforts, and future trends.
02.0	Describe and discuss the principles of investigating, prosecuting and preventing resurgence of gangs--The student will be able to:
02.01	Discuss the definition of a criminal street gang, and factors that can influence gang membership.
02.02	Describe prevention programs to deter membership in gangs.
02.03	Describe intervention programs to reduce membership in gangs.
02.04	Describe suppression techniques to reduce and impact gang membership and gang crimes.
02.05	Explain theories of criminal subculture.
02.06	Identify the most prominent street gangs in the United States.

02.07	Discuss Italian organized crime groups.
02.08	Discuss outlaw motorcycle gangs, and supremacists.
02.09	Discuss Hispanic, Jamaican, Nigerian, Asian, Russian, and Israeli gangs.
02.10	Describe prosecution techniques used to dismantle gangs.
03.0	Describe and discuss the interrelationship of gangs, drug trafficking, conspiracy and terrorism--The student will be able to:
03.01	Discuss the origin, definition, and legal aspects of conspiracy as it relates to gangs and terrorism.
03.02	Describe the types, elements, advantages, and disadvantages of conspiracy investigations.
03.03	Describe the motivation, tactics, and organization of terrorism.
03.04	Explain the relationship of drug trafficking and the drug nexus with gangs and terrorism.
03.05	Describe national and international criminal gang profiles.
03.06	Explain the use of conspiracy theory and laws in the interdiction of gang organizations.
03.07	Discuss the effects of 9/11 on public safety agencies nationally and internationally.
04.0	Describe and discuss the principles of managing a security threat of gangs in a correctional or detention facility--The student will be able to:
04.01	Discuss the origin and evolution of corrections in the United States.
04.02	Discuss the definition and function of a correctional institution, county jail, and detention center.
04.03	Discuss critical issues facing incarceration.
04.04	Describe inmate culture and the influence of gang activity.
04.05	Explain strategies available to identify gang members as a security threat within the institution.
04.06	Discuss the value of enhanced relationships of corrections and law enforcement personnel in gang intelligence gathering and sharing.
05.0	Describe and discuss the relationship between domestic gangs and Central American/Mexican gangs--The student will be able to:
05.01	Discuss the geographical, cultural, social, political, and economic profiles of El Salvador, Guatemala, Honduras, Nicaragua, and Mexico.
05.02	Discuss the rationale for the United States' interest in Central America and Mexico gang issues.
05.03	Explain the causes and risk factors of gang activity in Central America and Mexico.
05.04	Describe the severity of the gang problem in Central America and Mexico.

05.05	Explain the current responses to the gang problem in Central America and Mexico.
06.0	Describe and discuss how technology is utilized in gang investigations and by gangs--The student will be able to:
06.01	Discuss the recent history of technology developments that assist criminal justice agencies with mission accomplishment.
06.02	Discuss the contemporary use of technology by criminal justice agencies.
06.03	Discuss the contemporary use of technology by gangs and other criminal organizations.
06.04	Describe the criminal intelligence gathering process.
06.05	Describe the intelligence collection and application process.
06.06	Describe technology-based geographic intelligence systems.
06.07	Explain the crime analysis process.
06.08	Explain the intelligence sharing and dissemination process.
07.0	Describe and discuss the contemporary gang-related investigation topics, problems and issues--The student will be able to:
07.01	Discuss contemporary issues.
07.02	Discuss the historical perspectives.
07.03	Discuss the foundational philosophies.
07.04	Describe the prevention, intervention, suppression, and prosecution strategies and associated programs.
07.05	Develop skills associated with research.
08.0	Demonstrate prevention, intervention, prosecution and suppression skills utilized to impact gangs and gang crimes--The student will be able to:
08.01	Apply critical thinking skills in the analysis of contemporary issues related to gang prevention, intervention, suppression or prosecution.
08.02	Discuss the terminology, policies, and protocols utilized in the workplace.
08.03	Apply classroom course content, including knowledge, theory and skills to the work setting.
08.04	Apply the principles of human relations skills and ethical decision-making in the work setting.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

This program does not prepare students for certification as correctional officers, law enforcement officers, correctional probation officers, auxiliary correctional officers, or auxiliary law enforcement officers, regardless of the amount of degree work completed. A student must successfully complete a Criminal Justice Standards and Training Commission (CJSTC) Basic Recruit Program to become certified, pursuant to Chapter 943, Florida Statutes.

Students are able to participate in the Gang-Related Investigations certificate program while pursuing an AS degree in Criminal Justice Technology. Additionally, students who have successfully completed an AS degree are eligible to participate in this certificate program. In accordance with Rule 6A-6.065 (FAC), Career and Technical instructional program, and the activities of such organizations are defined as part of this curriculum. For this program Gang-Related Investigations Certificate Professional Association student membership is encouraged in the Academy of Criminal Justice Sciences, the American Criminal Justice Association or Lambda Alpha Epsilon (LAE).

Planned and supervised occupational activities may be provided through directed experiences or practicum experience. Whenever the practicum method is offered, the following is required for each student: **(1) each student must receive approval from the Gang Education Program Director as to the organization the student will be interning with and the student must provide the Gang Education Program Director with the internship documentation prior to commencing the internship. (2) the student must submit an internship completion form during Module Seven (7) indicating that they have fulfilled the 60 hours of on the job work experience. In order to receive credit for the course, the internship requirement must be fulfilled by each student. Students may or may not receive compensation by the organization for work performed.**

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.shtml>

Florida Department of Education
Curriculum Framework

Program Title: Homeland Security Professional
Career Cluster: Law, Public Safety & Security

CCC	
CIP Number	0743011202
Program Type	College Credit Certificate (CCC)
Program Length	15 credit hours
CTSO	N/A
SOC Codes (all applicable)	33 -1099 First-Line Supervisors of Protective Service Workers, All Other
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This certificate program is part of the Security Management and Administration program (1743011201).

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.).

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to prepare students for careers for a variety of positions in the security field including Homeland Security, Transportation and Security Officer, Security Investigator, Security Consultant, Security Auditor, Security Supervisor, Security Administrator and Security Director.

Students will development an understanding of the security role in society through the identification of prevention-oriented goals as set forth by the basic role which security has within society. A student must successfully demonstrate ability in carrying out security functions, responsibilities and duties.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Compare and Contrast the main functions of the Criminal Justice System vs the main functions of Security and Loss.
- 02.0 Demonstrate an Understanding of the Fundamentals of Criminal and Private investigations, the Legal Limitations, and the Levels of Authority.
- 03.0 Demonstrate an Understanding of the Management and Administration of Law Enforcement and Security Operations.
- 04.0 Comprehend the Importance of Effective Working Relationships, Communication, and Pre-Employment in the Criminal Justice and the Loss Prevention Field.
- 05.0 Demonstrate an understanding of the definition of criminal and civil law.
- 06.0 Demonstrate an understanding of the issues involved in Evidence and the Rules of Evidence in Criminal Justice, and Private Security, and Interrogation.
- 07.0 Comprehend Human Diversity and Environmental Challenges for Public and Private Security.

Florida Department of Education
Student Performance Standards

Program Title: Homeland Security Professional
 CIP Number: 0743011202
 Program Length: 15 credit hours
 SOC Code(s): 33-1099

This certificate program is part of Criminal Justice Technology AS degree programs (1743010300). At the completion of this program, the student will be able to:

01.0	Compare and Contrast the main functions of the Criminal Justice System vs the main functions of Security and Loss Prevention --The student will be able to:
01.01	Define the primary components of criminal justice and their primary responsibilities.
01.02	Identify problems that keep the system from functioning effectively and efficiently.
01.03	Explain the connection of tangible objects (walls, fences, locks, building design, lighting, surveillance, alarm systems, and access control) with accidents, natural disasters, computer systems, data, and software.
01.04	Describe the ethics and integrity issues of human resources as they relate to the protection of organizations and employee rights.
01.05	Describe the ethics and integrity issues as they relate to the criminal justice system.
01.06	Discuss the elements of technical security including threats from electronic eavesdropping and computer hacking, development of risk assessments and security surveys as they relate to organizations and compare to the criminal justice system.
02.0	Demonstrate an Understanding of the Fundamentals of Criminal and Private investigations, the Legal Limitations, and the Levels of Authority --The student will be able to:
02.01	Explain the private property rights of a business or private property owner.
02.02	Define the terms invitee and trespassing.
02.03	Research common liabilities encountered with police and private security investigations.
02.04	Explain investigative techniques used in solving crimes and identify the limit on investigations by private citizens.
02.05	Explain the necessity for, and the methods of marking and preserving evidence.
02.06	Identify various types of investigative technology.
03.0	Demonstrate an Understanding of the Management and Administration of Law Enforcement and Security Operations --The student will be able to:
03.01	Compare and contrast the various organizational structures of law enforcement agencies.

03.02	Identify crime prevention techniques.
03.03	Integrate the use of technology in the study of personnel management, planning, and operations. .
03.04	Describe access control, personnel clearance, and document control.
04.0	Comprehend the Importance of Effective Working Relationships, Communication, and Pre-Employment in the Criminal Justice and the Loss Prevention Field --The student will be able to:
04.01	Study the legal requirements and essentials of an effective pre-employment screening policy and procedure
04.02	Develop an employee orientation program on loss prevention.
04.03	Demonstrate effective oral communication techniques.
05.0	Demonstrate an understanding of the definition of criminal and civil law --The student will be able to:
05.01	Explain intent, presumption and entrapment.
05.02	Research the process and steps involved from arrest to trial.
05.03	Describe the legal issues in chain of command as it relates to evidence.
05.04	Explain the purpose of a trial, the elements and procedures involved, evidence collection, and trial preparation.
05.05	Describe writs and subpoenas.
05.06	Describe the legal ethics of security.
05.07	Explain due process and constitutional immunity.
05.08	Discuss the rules of fair employment practice.
06.0	Demonstrate an understanding of the issues involved in Evidence and the Rules of Evidence in Criminal Justice, and Private Security, and Interrogation --The student will be able to:
06.01	Describe the legal definition of reasonable suspicion.
06.02	Discuss the legal limitations of detaining and interrogating as it is related to employees and compare it to the detaining and interrogating suspect by law enforcement.
06.03	Apply the legal definition of coercion in interrogation techniques.
06.04	Define probable cause.
06.05	Discuss the liability issues of use of force.
06.06	Describe the nature, purpose and legal framework of privileged information regarding evidence.

07.0 Comprehend Human Diversity and Environmental Challenges for Public and Private Security --The student will be able to:

07.01 Identify major cultural, ethnic and human differences that exist in society.

07.02 Discuss the psychological concepts of motivation and basic human needs.

07.03 Discuss the impact of internal and external controls on criminal justice and private security professionals.

07.04 Discover societal factors impacting loss prevention.

07.05 Research the need for more education and training in the criminal justice and loss prevention profession.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Fire Investigator I
Career Cluster: Law, Public Safety & Security

CCC	
CIP Number	0743020105
Program Type	College Credit Certificate
Program Length	12 credit hours
CTSO	N/A
SOC Codes (all applicable)	33-2021 Fire Inspectors and Investigators
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This certificate program is part of the Fire Science Technology (FESHE Model) AS (1743020100).

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.).

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to align a cluster of Fire Science courses with the promotional and state certification requirements of local and regional public service agencies. The primary intent is to assist incumbent workers in acquiring professional certifications and opportunities for career advancement. Credits acquired through this certificate program can be applied towards the AS in Fire Science Technology. This program does not prepare students for certification as basic fire fighters. A student must successfully complete the basic recruit program in firefighting to become certified, pursuant to Chapter 633, Florida Statutes. Program SOC Code 33-2021 Fire Investigators.

Standards

After successfully completing this program the student will be able to perform the following:

- 01.0 Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled.
- 02.0 Demonstrate an understanding of the components of building construction that relate to fire and life safety.
- 03.0 Demonstrate knowledge of classifications, controls, and applications of automatic sprinkler systems.
- 04.0 Demonstrate knowledge of inspection practices for fire protection systems.
- 05.0 Demonstrate knowledge of classifications, controls, and applications of portable fire extinguishers.
- 06.0 Demonstrate knowledge of water supply for sprinkler and standpipe systems.
- 07.0 Demonstrate knowledge of acceptance testing for fire protection systems.
- 08.0 Identify the appropriate certifications for fire extinguishers, hood systems, sprinkler systems, and alarm devices.
- 09.0 Demonstrate knowledge of various extinguishing agents.
- 10.0 Define types of building classifications and construction types.
- 11.0 Define various loads and forces that affect buildings.
- 12.0 Demonstrate knowledge of various types of building construction and their effect on fire propagation, smoke generation, and control.
- 13.0 Define the characteristics of various building materials, with particular regard to fire resistance.
- 14.0 Define the characteristics of various building types and occupancies, with particular regard to fire load and resistance.
- 15.0 Describe principles of fire resistance, fire growth, and the behavior of fire and smoke in buildings.
- 16.0 Demonstrate knowledge of features of matter and energy.
- 17.0 Demonstrate knowledge of the principles of chemical reaction: oxidation, reduction, and combustion.
- 18.0 Demonstrate knowledge of the fire tetrahedron and principles of extinguishment.
- 19.0 Demonstrate knowledge of common elements such as oxygen, hydrogen, fluorine, chlorine, bromine, phosphorus, sulfur, and carbon.
- 20.0 Demonstrate knowledge of corrosive materials, i.e. acids and bases.
- 21.0 Demonstrate knowledge of path of travel of fire, heat, and smoke.
- 22.0 Demonstrate knowledge of the role and responsibilities of the fire investigator.
- 23.0 Demonstrate the ability to differentiate between accidental and incendiary fire causes.
- 24.0 Demonstrate the ability to recognize and report indicators of the point of origin of a fire.

**Florida Department of Education
Student Performance Standards**

Program Title: Fire Investigator I
CIP Numbers: 0743020105
Program Length: 12 credit hours
SOC Code(s): 33-2021

This certificate program is part of the Fire Science Technology (FESHE Model) AS (1743020100). At the completion of this program, the student will be able to:

01.0	Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled--The student will be able to:
01.01	Identify physical properties of the three states of matter.
01.02	Categorize the components of fire.
01.03	Recall the physical and chemical properties of fire.
01.04	Describe and apply the process of burning.
01.05	Define and use basic terms and concepts associated with the chemistry and dynamics of fire.
01.06	Describe the dynamics of fire.
01.07	Discuss various materials and their relationship to fires as fuel.
01.08	Demonstrate knowledge of the characteristics of water as a fire suppression agent.
01.09	Articulate other suppression agents and strategies.
01.10	Compare other methods and techniques of fire extinguishments.
02.0	Demonstrate an understanding of the components of building construction that relate to fire and life safety--The student will be able to:
02.01	Demonstrate an understanding of building construction as it relates to firefighter safety, building codes, fire prevention, code inspection and firefighting strategy and tactics.
02.02	Classify major types of building construction.
02.03	Analyze the hazards and tactical considerations associated with the various types of building construction.
02.04	Explain the different loads and stresses that are placed on a building and their interrelationships.
02.05	Identify the principle structural components of buildings and demonstrate an understanding of the function of each.

02.06	Differentiate between fire resistance and flame spread, and describe the testing procedures used to establish ratings for each.
02.07	Classify occupancy designations of the building code.
02.08	Identify the indicators of potential structural failure as they relate to firefighter safety.
03.0	Demonstrate knowledge of classifications, controls, and applications of automatic sprinkler systems--The student will be able to:
03.01	List and define the classes of automatic sprinkler systems.
03.02	Identify and describe major controls of automatic sprinkler systems.
03.03	Discuss proper installation and application of automatic sprinkler systems for different classes of occupancies.
04.0	Demonstrate knowledge of inspection practices for fire protection systems--The student will be able to:
04.01	Discuss legal requirements for fire protection system inspections.
04.02	Discuss testing of fire protection systems.
05.0	Demonstrate knowledge of classifications, controls, and applications of portable fire extinguishers--The student will be able to:
05.01	List and define the classes of portable fire extinguishers.
05.02	Identify and describe major controls of portable fire extinguishers.
05.03	Discuss proper installation and application of portable fire extinguishers for different classes of occupancies.
06.0	Demonstrate knowledge of water supply for sprinkler and standpipe systems--The student will be able to:
06.01	Identify the major parts of sprinkler systems.
06.02	Identify the major parts of standpipe systems.
06.03	Discuss the use of sprinkler systems in fire suppression tactics of fire departments.
06.04	Discuss the use of standpipe systems in fire suppression tactics of fire departments.
06.05	Discuss the water supply system for sprinklers.
06.06	Discuss the water supply system for standpipes.
07.0	Demonstrate knowledge of acceptance testing for fire protection systems--The student will be able to:
07.01	Define acceptance testing.
07.02	Define compliance testing.

07.03	Discuss acceptance testing procedures for fire protection systems.
08.0	Identify the appropriate certifications for fire extinguishers, hood systems, sprinkler systems, and alarm devices--The student will be able to:
08.01	Identify the certification procedures for portable fire extinguishers.
08.02	Identify the certification procedures for hood systems.
08.03	Identify the certification procedures for sprinkler systems.
08.04	Identify the certification procedures for fire alarm systems.
09.0	Demonstrate knowledge of various extinguishing agents--The student will be able to:
09.01	Discuss the properties of water as a fire extinguishing agent.
09.02	Discuss the properties of dry chemical as a fire extinguishing agent.
09.03	Discuss the properties of carbon dioxide as a fire extinguishing agent.
09.04	Discuss the properties of foam as a fire extinguishing agent.
09.05	Discuss the properties of halon as a fire extinguishing agent.
10.0	Define types of building classifications and construction types--The student will be able to:
10.01	Define and describe the characteristics of single-family residential construction.
10.02	Define and describe the characteristics of multi-family residential construction.
10.03	Define and describe the characteristics of light commercial construction.
10.04	Define and describe the characteristics of heavy commercial construction.
10.05	Define and describe the characteristics of industrial construction.
11.0	Define various loads and forces that affect buildings--The student will be able to:
11.01	Define (a) vertical load, (b) sheer load, (c) tortional load, (d) compressive load, (e) tension load, (f) static load, (g) live load, and (h) fire load.
11.02	Define wind pressure.
11.03	Discuss windstorm provisions of building codes.
12.0	Demonstrate knowledge of various types of building construction and their effect on fire propagation, smoke generation, and control--The student will be able to:
12.01	Define fire propagation.

12.02	Define smoke generation.
12.03	Define fire control.
12.04	Define balloon construction.
12.05	Define tilt-slab construction.
12.06	Define post-and-lintel construction.
12.07	Given a particular occupancy, discuss the likely development of a fire within that type of construction.
13.0	Define the characteristics of various building materials, with particular regard to fire resistance--The student will be able to:
13.01	Discuss the fire resistance characteristics of wood frame construction.
13.02	Discuss the fire resistance characteristics of metal frame construction.
13.03	Discuss the fire resistance characteristics of masonry construction.
13.04	Discuss the fire resistance characteristics of concrete construction.
14.0	Define the characteristics of various building types and occupancies, with particular regard to fire load and resistance--The student will be able to:
14.01	Define and describe fire load and resistance in assembly occupancies.
14.02	Define and describe fire load and resistance in educational occupancies.
14.03	Define and describe fire load and resistance in health care occupancies.
14.04	Define and describe fire load and resistance in detention and correctional occupancies.
14.05	Define and describe fire load and resistance in residential occupancies.
14.06	Define and describe fire load and resistance in mercantile occupancies.
14.07	Define and describe fire load and resistance in business occupancies.
14.08	Define and describe fire load and resistance in industrial occupancies.
14.09	Define and describe fire load and resistance in storage occupancies.
15.0	Describe principles of fire resistance, fire growth, and the behavior of fire and smoke in buildings--The student will be able to:
15.01	Define fire resistance.
15.02	Define fire growth.

15.03	Define fire spread.
15.04	Define smoke propagation.
16.0	Demonstrate knowledge of features of matter and energy--The student will be able to:
16.01	Define the physical properties of matter.
16.02	Define the physical properties of energy.
17.0	Demonstrate knowledge of the principles of chemical reaction: oxidation, reduction, and combustion--The student will be able to:
17.01	Define oxidation.
17.02	Define reduction.
17.03	Define combustion.
18.0	Demonstrate knowledge of the fire tetrahedron and principles of extinguishment--The student will be able to:
18.01	List and define the four parts of the fire tetrahedron.
18.02	Discuss the principles of extinguishment.
19.0	Demonstrate knowledge of common elements such as oxygen, hydrogen, fluorine, chlorine, bromine, phosphorus, sulfur, and carbon--The student will be able to:
19.01	Define the properties of oxygen.
19.02	Define the properties of hydrogen.
19.03	Define the properties of fluorine.
19.04	Define the properties of chlorine.
19.05	Define the properties of bromine.
19.06	Define the properties of phosphorus.
19.07	Define the properties of sulfur.
19.08	Define the properties of carbon.
20.0	Demonstrate knowledge of corrosive materials, i.e. acids and bases--The student will be able to:
20.01	Define the physical properties of acids.
20.02	Define the physical properties of bases.

21.0	Demonstrate knowledge of the path of travel of fire, heat, and smoke--The student will be able to:
21.01	Describe the path of travel for gasses in a structure.
21.02	Describe the path of travel for heat and its three modes of transfer in a structure
22.0	Demonstrate knowledge of the role and responsibilities of the fire investigator--The student will be able to:
22.01	Define the role of the fire investigator.
22.02	Discuss the responsibilities of the fire investigator in terms of state and national standards.
23.0	Demonstrate the ability to differentiate between accidental and incendiary fire causes--The student will be able to:
23.01	Define accidental fire causes.
23.02	Define incendiary fire causes.
24.0	Demonstrate the ability to recognize and report indicators of the point of origin of a fire--The student will be able to:
24.01	List indicators of the point of origin of a fire.
24.02	Identify point of origin indicators.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

The Fire Investigator is a restricted enrollment program. Applicants must be certified law enforcement, fire fighter or fire inspector.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Fire Investigator II
Career Cluster: Law, Public Safety & Security

CCC	
CIP Number	0743020106
Program Type	College Credit Certificate
Program Length	12 credit hours
CTSO	N/A
SOC Codes (all applicable)	33-2021 Fire Inspectors and Investigators
Targeted Occupation List	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This certificate program is part of the Fire Science Technology (FESHE Model) AS (1743020100).

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.).

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to align a cluster of Fire Science courses with the promotional and state certification requirements of local and regional public service agencies. The primary intent is to assist incumbent workers in acquiring professional certifications and opportunities for career advancement. Credits acquired through this certificate program can be applied towards the AS in Fire Science Technology. This program does not prepare students for certification as basic fire fighters. A student must successfully complete the basic recruit program in firefighting to become certified, pursuant to Chapter 633, Florida Statutes. Program SOC Code 33-2021 Fire Investigators.

Standards

After successfully completing this program the student will be able to perform the following:

- 01.0 Explain the rule of law as it pertains to arrest, search and seizure procedures and their application to fire investigations.
- 02.0 Recognize and interpret fire scenes common to various types of fires.
- 03.0 Describe the chemistry of combustion and the relationship of atoms, elements, compounds, and organic compounds on fire.
- 04.0 Explain the nature and behavior of fire including the effects of heat.
- 05.0 Explain and identify the combustion properties of liquids, gases and solid fuels.
- 06.0 Identify and explain electrical causes of fires.
- 07.0 List and explain the procedures for lifting fingerprints, evidence collection and preservation.
- 08.0 List and identify the make-up and use of incendiary devices, explosives, and bombs.
- 09.0 List the procedures for documenting fire scenes, including sketching, photography, and report writing.
- 10.0 Analyze fire-related deaths and injuries and describe methods of documentation.
- 11.0 Identify the techniques for interviewing and questioning suspects and subjects.
- 12.0 Explain the role of the fire investigator in courtroom proceedings including courtroom demeanor and testifying.
- 13.0 Identify and list the sources and technology available for fire investigations.
- 14.0 Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.

Florida Department of Education
Student Performance Standards

Program Title: Fire Investigator II
 CIP Numbers: 0743020106
 Program Length: 12 credit hours
 SOC Code(s): 33-2021

This certificate program is part of the Fire Science Technology (FESHE Model) AS (1743020100). At the completion of this program, the student will be able to:

- 01.0 Explain the rule of law as it pertains to arrest, search and seizure procedures and their application to fire investigations.
- 02.0 Recognize and interpret fire scenes common to various types of fires.
- 03.0 Describe the chemistry of combustion and the relationship of atoms, elements, compounds, and organic compounds on fire.
- 04.0 Explain the nature and behavior of fire including the effects of heat.
- 05.0 Explain and identify the combustion properties of liquids, gases and solid fuels.
- 06.0 Identify and explain electrical causes of fires.
- 07.0 List and explain the procedures for lifting fingerprints, evidence collection and preservation.
- 08.0 List and identify the make-up and use of incendiary devices, explosives, and bombs.
- 09.0 List the procedures for documenting fire scenes, including sketching, photography, and report writing.
- 10.0 Analyze fire-related deaths and injuries and describe methods of documentation.
- 11.0 Identify the techniques for interviewing and questioning suspects and subjects.
- 12.0 Explain the role of the fire investigator in courtroom proceedings including courtroom demeanor and testifying.
- 13.0 Identify and list the sources and technology available for fire investigations.
- 14.0 Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.

FFP 2630 Latent Investigation

01.0 Describe the proper procedure for fire death investigations.
02.0 Describe the proper procedure for fire injury investigations.
03.0 Describing the required reports for fire deaths and injuries investigations.
04.0 The student will demonstrate an understanding of motives for arson.
05.0 Describe the various motives for arson.
06.0 Describe the differences between at least three different motives for arson.
07.0 Describe arson for profit.
08.0 Describe an arson set.
09.0 Describe an arson device.
10.0 Explain the difference between arson sets and devices.
11.0 Identify the various types of explosives.
12.0 Identify various types of chemical and hazardous materials.
13.0 Identify various types of fire related deaths and injuries.
14.0 Identify the various types of arson as a crime.
15.0 Identify safety issues.
16.0 Identify, examine and understand arson laws.
17.0 Identify the chain of evidence.

FSFC 407 Arson Investigation

This course stresses effective crime scene work relative to fire investigation. Evidence preservation and collection, scene documentation, and investigator safety are main topics.

NOTE: Prerequisite: FFP 2243 - Latent Investigation, and a State Certificate of Compliance, Fire Inspector Certification, or Certified Police Officer.

FSFC 406 Post-Blast Investigation

This course, following the model curriculum of the Federal Bureau of Investigation, covers crime scene procedures, laboratory procedures,

chemical and physical components, and legal issues relative to bombing incidents.

NOTE: This course is limited to certified investigators. Part of Fire Investigator II.

01.0 Describe an arson scene involving an explosion.

02.0 Describe the procedures for investigating an explosion scene.

03.0 Describe how to preserve evidence during an explosion investigation.

04.0 Describe the legal issues relative to bombings.

05.0 Describe how a laboratory is used for investigating explosions.

06.0 Describe what the limitations of laboratories are.

07.0 Describe what equipment is used in a laboratory.

08.0 Describe explosive materials.

09.0 Describe the chemical components of explosive materials.

10.0 Describe the physical components of explosive materials.

11.0 The student will demonstrate an understanding of arson crime scenes involving explosions.

12.0 The student will demonstrate an understanding of laboratory procedures.

13.0 The student will demonstrate an understanding of the chemical and physical components of explosive materials.

FFP 2670 Legal Issues for Investigators

NOTE: This is a restricted enrollment program. Applicants must be Certified Law Enforcement, Fire Fighter or Fire Inspector.

01.0 The student will demonstrate an understanding of the Florida Statutes by:

01.01 Name the applicable State Statutes.

01.02 Describe the content of the State Statutes.

01.03 Describe the impact of State Statutes on arson investigations.

02.0	The student will demonstrate an understanding of preparing cases for trial by:
02.01	Describe how to prepare a case for trial.
02.02	Describe the stages of trials.
02.03	Describe arson investigators responsibility in trials.
03.0	The student will demonstrate an understanding of interview techniques by:
03.01	Describe and role playing appropriate interviewing techniques.
03.02	Describe suspect's rights during interviews.
03.03	Describe how to properly interview witnesses.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

The Fire Investigator is a restricted enrollment program. Applicants must be certified law enforcement, fire fighter or fire inspector.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Fire Instructor
Career Cluster: Law, Public Safety & Security

CCC

CIP Number	0743020107
Program Type	College Credit Certificate
Program Length	6 credit hours
CTSO	N/A
SOC Codes (all applicable)	25-1194 Vocational Education Teachers, Postsecondary
Targeted Occupation List	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This certificate program is part of the Fire Science Technology (FESHE Model) AS (1743020100).

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.).

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to align a cluster of Fire Science courses with the promotional and state certification requirements of local and regional public service agencies. The primary intent is to assist incumbent workers in acquiring professional certifications and opportunities for career advancement. Credits acquired through this certificate program can be applied towards the AS in Fire Science Technology. This program does not prepare students for certification as basic fire fighters. A student must successfully complete the basic recruit program in firefighting to become certified, pursuant to Chapter 633, Florida Statutes. Program SOC Code 25-1194 Vocational Education Teachers, Postsecondary.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled.
- 02.0 Demonstrate an understanding of the components of building construction that relate to fire and life safety.
- 03.0 Understand adult learning strategies and concepts.
- 04.0 Begin an active training program.
- 05.0 Gain leadership of the training group.
- 06.0 Give presentations and lead discussions.
- 07.0 Facilitate structured activities and promote team learning.
- 08.0 Conclude and evaluate an active training program.
- 09.0 List and describe the five phases of the instructional design process.
- 10.0 Construct goals and objectives for a class.
- 11.0 Explain how a lesson plan is used.
- 12.0 Develop a plan for professional development as a fire service instructor.
- 13.0 Describe the role of mentors.
- 14.0 Identify various continuing professional development opportunities.
- 15.0 Discuss the value of using a library as fire service instructors.
- 16.0 Describe research as it pertains to the fire service instructor.
- 17.0 Describe various ways to obtain professional development opportunities.
- 18.0 Describe Fire and Emergency Services Higher Education (FESHE) and how it affects the fire service instructor.
- 19.0 Discuss the benefits of Training Resources and Data Exchange (TRADE) to the fire service Instructor.
- 20.0 Establish a classroom environment that meets the legal ramifications as specified by local, state, and federal rules, regulations, and standards.
- 21.0 Discuss the NFPA role in standards development.
- 22.0 List and relate the various NFPA standards relative to the fire service instructor.
- 23.0 List and discuss the role of local, state, and federal agencies relative to the fire service instructor.
- 24.0 Define negligence and its effect on the fire service instructor.
- 25.0 Describe what constitutes harassment.
- 26.0 Discuss academic honesty and privacy issues.
- 27.0 Explain the effects of ADA relative to fire service instructors.
- 28.0 Explain copyright and how it applies to instructors.
- 29.0 Construct, administer, and evaluate an assessment instrument.
- 30.0 Define the four levels of evaluation.
- 31.0 Differentiate between summative and formative evaluation.
- 32.0 Define the different kinds of tests.
- 33.0 Discuss the difference among the various types of tests.
- 34.0 List various sources for tests.

Florida Department of Education
Student Performance Standards

Program Title: Firesafety Instructor I
 CIP Numbers: 0743020107
 Program Length: 6 credit hours
 SOC Code(s): 25-1194

This certificate program is part of the Fire Science Technology (FESHE Model) AS (1743020100). At the completion of this program, the student will be able to:

01.0	Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled--The student will be able to:
01.01	Identify physical properties of the three states of matter.
01.02	Categorize the components of fire.
01.03	Recall the physical and chemical properties of fire.
01.04	Describe and apply the process of burning.
01.05	Define and use basic terms and concepts associated with the chemistry and dynamics of fire.
01.06	Describe the dynamics of fire.
01.07	Discuss various materials and their relationship to fires as fuel.
01.08	Demonstrate knowledge of the characteristics of water as a fire suppression agent.
01.09	Articulate other suppression agents and strategies.
01.10	Compare other methods and techniques of fire extinguishments.
02.0	Demonstrate an understanding of the components of building construction that relate to fire and life safety--The student will be able to:
02.01	Demonstrate an understanding of building construction as it relates to firefighter safety, building codes, fire prevention, code inspection and firefighting strategy and tactics.
02.02	Classify major types of building construction.
02.03	Analyze the hazards and tactical considerations associated with the various types of building construction.
02.04	Explain the different loads and stresses that are placed on a building and their interrelationships.
02.05	Identify the principle structural components of buildings and demonstrate an understanding of the function of each.

02.06	Differentiate between fire resistance and flame spread, and describe the testing procedures used to establish ratings for each.
02.07	Classify occupancy designations of the building code.
02.08	Identify the indicators of potential structural failure as they relate to firefighter safety.
02.09	Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
03.0	Understand adult learning strategies and concepts--The student will be able to:
03.01	Understand the nature of adult learning.
03.02	Discuss the concerns about active training.
03.03	Understand the concepts involved in the delivery of active training.
04.0	Begin an active training program--The student will be able to:
04.01	Prepare mentally to instruct.
04.02	Arrange the physical training environment.
04.03	Greet participants and establish rapport.
04.04	Get the best from the first thirty minutes of training.
04.05	Review the agenda.
04.06	Invite feedback to the agenda.
05.0	Gain leadership of the training group--The student will be able to:
05.01	Set group norms.
05.02	Control timing and pacing.
05.03	Get the group's attention.
05.04	Increase student receptivity to leadership.
05.05	Handle problem situations.
06.0	Give presentations and lead discussions--The student will be able to:
06.01	Know their group.
06.02	Organize their presentation.

06.03	Watch their body language.
06.04	Add visual aids.
06.05	Make smooth transitions.
07.0	Facilitate structured activities and promote team learning--The student will be able to:
07.01	Structure activities.
07.02	Facilitate team learning.
08.0	Conclude and evaluate an active training program--The student will be able to:
08.01	Review program content.
08.02	Obtain final questions and concerns.
08.03	Promote self-assessment.
08.04	Focus on back-on-the-job applications.
08.05	Express final sentiments.
08.06	Evaluate the program.
For certification of Firesafety Instructor II, these following standards are required:	
09.0	List and describe the five phases of the instructional design process.
10.0	Construct goals and objectives for a class.
11.0	Explain how a lesson plan is used.
12.0	Develop a plan for professional development as a fire service instructor.
13.0	Describe the role of mentors.
14.0	Identify various continuing professional development opportunities.
15.0	Discuss the value of using a library as fire service instructors.
16.0	Describe research as it pertains to the fire service instructor.

17.0	Describe various ways to obtain professional development opportunities.
18.0	Describe Fire and Emergency Services Higher Education (FESHE) and how it affects the fire service instructor.
19.0	Discuss the benefits of Training Resources and Data Exchange (TRADE) to the fire service Instructor.
20.0	Establish a classroom environment that meets the legal ramifications as specified by local, state, and federal rules, regulations, and standards.
21.0	Discuss the NFPA role in standards development.
22.0	List and relate the various NFPA standards relative to the fire service instructor.
23.0	List and discuss the role of local, state, and federal agencies relative to the fire service instructor.
24.0	Define negligence and its effect on the fire service instructor.
25.0	Describe what constitutes harassment.
26.0	Discuss academic honesty and privacy issues.
27.0	Explain the effects of ADA relative to fire service instructors.
28.0	Explain copyright and how it applies to instructors.
29.0	Construct, administer, and evaluate an assessment instrument.
30.0	Define the four levels of evaluation.
31.0	Differentiate between summative and formative evaluation.
32.0	Define the different kinds of tests.
33.0	Discuss the difference among the various types of tests.
34.0	List various sources for tests.

For certification of Firesafety Instructor II, these following standards are required.

This is not a stand-alone course but the below requirements:

- Same requirements and approved teaching assignments as Instructor II except:
 - Requires bachelor's degree or higher
 - No state testing required at this time

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students..

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Firesafety Inspector I
Career Cluster: Law, Public Safety & Security

CCC	
CIP Number	0743020108
Program Type	College Credit Certificate
Program Length	15 credit hours
CTSO	N/A
SOC Codes (all applicable)	33-2021 Fire Inspectors and Investigators
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This certificate program is part of the Fire Science Technology (FESHE Model) AS (1743020100).

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.).

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to align a cluster of Fire Science courses with the promotional and state certification requirements of local and regional public service agencies. The primary intent is to assist incumbent workers in acquiring professional certifications and opportunities for career advancement. Credits acquired through this certificate program can be applied towards the AS in Fire Science Technology. This program does not prepare students for certification as basic fire fighters. A student must successfully complete the basic recruit program in firefighting to become certified, pursuant to Chapter 633, Florida Statutes. Program SOC Code 33-2021 Fire Inspectors and Investigators.

Standards

Fire Inspector I

After successfully completing this program, the student will be able to perform the following:

- 01.0 Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled.
- 02.0 Demonstrate an understanding of the components of building construction that relate to fire and life safety.
- 03.0 Demonstrate understanding of the Life Safety Code as applied to various kinds of occupancies.
- 04.0 Demonstrate ability to locate proper citations within the Life Safety Code.
- 05.0 Demonstrate knowledge of the concept of code equivalency.
- 06.0 Demonstrate knowledge of types of egress and distances required.
- 07.0 Demonstrate the ability to properly classify types of occupancies.
- 08.0 Demonstrate the ability to calculate the size, area, and volume of complex building shapes.
- 09.0 Demonstrate ability to use architectural ruler.
- 10.0 Demonstrate recognition of various types and methods of construction as denoted in architectural drawings.
- 11.0 Demonstrate ability to interpret working drawings of residential, light and heavy commercial buildings.
- 12.0 Demonstrate ability to interpret conventions, symbols, and notes on architectural working drawings.
- 13.0 Demonstrate knowledge of the relationship between working drawings, "as-built", and actual construction.
- 14.0 Demonstrate knowledge of the construction process and materials used.
- 15.0 Demonstrate knowledge of legal foundations for fire inspections.
- 16.0 Demonstrate knowledge of the fire inspection process.
- 17.0 Demonstrate knowledge of fire inspection practices as part of an overall fire prevention program.
- 18.0 Demonstrate knowledge of fire inspection report writing.
- 19.0 Demonstrate knowledge of complaint handling and code enforcement procedures.
- 20.0 Demonstrate knowledge of special occupancies.
- 21.0 Demonstrate knowledge of unsafe conditions, fire hazards, and fire loads.
- 22.0 Demonstrate knowledge of fire behavior.
- 23.0 Demonstrate knowledge of fire cause determination.
- 24.0 Demonstrate knowledge of proper storage of flammable and combustibles.
- 25.0 Demonstrate knowledge of proper storage of hazardous materials.
- 26.0 Demonstrate knowledge of classifications, controls, and applications of automatic sprinkler systems.
- 27.0 Demonstrate knowledge of inspection practices for fire protection systems.
- 28.0 Demonstrate knowledge of classifications, controls, and applications of portable fire extinguishers.
- 29.0 Demonstrate knowledge of water supply for sprinkler and standpipe systems.
- 30.0 Demonstrate knowledge of acceptance testing for fire protection systems.
- 31.0 Identify the appropriate certifications for fire extinguishers, hood systems, sprinkler systems, and alarm devices.
- 32.0 Demonstrate knowledge of various extinguishing agents.
- 33.0 Define types of building classifications and construction types.
- 34.0 Define various loads and forces that affect buildings.
- 35.0 Demonstrate knowledge of various types of building construction and their effect on fire propagation, smoke generation, and control.
- 36.0 Define the characteristics of various building materials, with particular regard to fire resistance.
- 37.0 Define the characteristics of various building types and occupancies, with particular regard to fire load and resistance.
- 38.0 Describe principles of fire resistance, fire growth, and the behavior of fire and smoke in buildings.

Florida Department of Education
Student Performance Standards

Program Title: Firesafety Inspector I
 CIP Numbers: 0743020108
 Program Length: 15 credit hours
 SOC Code(s): 33-2021

This certificate program is part of the Fire Science Technology (FESHE Model) AS (1743020100). At the completion of this program, the student will be able to:

01.0	Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled--The student will be able to:
01.01	Identify physical properties of the three states of matter.
01.02	Categorize the components of fire.
01.03	Recall the physical and chemical properties of fire.
01.04	Describe and apply the process of burning.
01.05	Define and use basic terms and concepts associated with the chemistry and dynamics of fire.
01.06	Describe the dynamics of fire.
01.07	Discuss various materials and their relationship to fires as fuel.
01.08	Demonstrate knowledge of the characteristics of water as a fire suppression agent.
01.09	Articulate other suppression agents and strategies.
01.10	Compare other methods and techniques of fire extinguishments.
02.0	Demonstrate an understanding of the components of building construction that relate to fire and life safety--The student will be able to:
02.01	Demonstrate an understanding of building construction as it relates to firefighter safety, building codes, fire prevention, code inspection and firefighting strategy and tactics.
02.02	Classify major types of building construction.
02.03	Analyze the hazards and tactical considerations associated with the various types of building construction.
02.04	Explain the different loads and stresses that are placed on a building and their interrelationships.
02.05	Identify the principle structural components of buildings and demonstrate an understanding of the function of each.

02.06	Differentiate between fire resistance and flame spread, and describe the testing procedures used to establish ratings for each.
02.07	Classify occupancy designations of the building code.
02.08	Identify the indicators of potential structural failure as they relate to firefighter safety.
03.0	Demonstrate understanding of the life safety code as applied to various kinds of occupancies--The student will be able to:
03.01	Identify the sections of the Life Safety Code.
03.02	Identify which sections apply to different types of occupancies.
03.03	Define key terms as used in the Life Safety Code.
04.0	Demonstrate ability to locate proper citations within the Life Safety Code--The student will be able to:
04.01	Given a set of inspection circumstances, identify the section of the Life Safety Code that applies.
04.02	Given a set of inspection circumstances, be able to cite the remedy as found in the Life Safety Code (LSC).
05.0	Demonstrate knowledge of the concept of code equivalency--The student will be able to:
05.01	Given a set of similar inspection circumstances, choose between available codes and standards that best apply.
05.02	Compare and contrast national, regional, state, and local codes and standards.
06.0	Demonstrate knowledge of types of egress and distances required--The student will be able to:
06.01	Define types and characteristics of egress in the LSC.
06.02	Find appropriate minimum distances to egress in the LSC.
06.03	Define and discuss different methods of closure for means of egress.
06.04	Describe appropriate markings for means of egress.
07.0	Demonstrate the ability to properly classify types of occupancies--The student will be able to:
07.01	Define and describe assembly occupancies.
07.02	Define and describe educational occupancies.
07.03	Define and describe health care occupancies.
07.04	Define and describe detention and correctional occupancies.
07.05	Define and describe residential occupancies.

07.06	Define and describe mercantile occupancies.
07.07	Define and describe business occupancies.
07.08	Define and describe industrial occupancies.
07.09	Define and describe storage occupancies.
08.0	Demonstrate the ability to calculate the size, area, and volume of complex building shapes--The student will be able to:
08.01	Calculate the size of various buildings.
08.02	Calculate the area of various buildings.
08.03	Calculate the volume of various buildings.
09.0	Demonstrate ability to use architectural ruler--The student will be able to:
09.01	Measure various building dimensions from working drawings, using the appropriate referenced scale.
10.0	Demonstrate recognition of various types and methods of construction as denoted in architectural drawings--The student will be able to:
10.01	Identify markings for different types of doors.
10.02	Identify markings for different types of windows.
10.03	Identify markings for load-bearing and non-load-bearing walls.
10.04	Identify markings for mechanical and air-handling systems.
10.05	Identify markings for electrical systems.
10.06	Identify markings for plumbing systems.
11.0	Demonstrate ability to interpret working drawings of residential, light and heavy commercial buildings--The student will be able to:
11.01	Identify characteristics of residential construction plans.
11.02	Identify characteristics of light commercial construction drawings.
11.03	Identify characteristics of heavy commercial construction drawings.
12.0	Demonstrate ability to interpret conventions, symbols, and notes on architectural working drawings--The student will be able to:
12.01	Identify the clearance radius for doors.
12.02	Identify the width of windows and doors.

12.03	Identify the movable and immovable partitions.
13.0	Demonstrate knowledge of the relationship between working drawings, “as-built”, and actual construction--The student will be able to:
13.01	Compare and contrast drawings done at each stage of construction.
13.02	Compare and contrast design drawings and “as-built”.
13.03	Discuss the importance of physical inspection during and after construction.
14.0	Demonstrate knowledge of the construction process and materials used--The student will be able to:
14.01	List steps in the construction process.
14.02	Identify the roles of general contractors.
14.03	Identify the roles of subcontractors.
14.04	Identify the principal building trades and their functions.
15.0	Demonstrate knowledge of legal foundations for fire inspections--The student will be able to:
15.01	Describe applicable chapters and sections of the Florida Statutes that govern fire safety inspections.
15.02	Describe applicable chapters and sections of the Florida Administrative Code that govern fire safety inspections.
16.0	Demonstrate knowledge of the fire inspection process--The student will be able to:
16.01	Discuss fire inspection and its place within the fire department’s organization.
16.02	Define and discuss inspection and re-inspection.
16.03	Discuss the scheduling of fire inspections.
16.04	Compare and contrast the customer service and code enforcement concepts of fire inspection.
16.05	Discuss the steps of the physical fire inspection.
17.0	Demonstrate knowledge of fire inspection practices as part of an overall fire prevention program--The student will be able to:
17.01	List and describe the components of a complete fire prevention program.
17.02	Discuss the proactive role of the fire inspector.
17.03	Discuss the educational role of the fire inspection.
18.0	Demonstrate knowledge of fire inspection report writing--The student will be able to:

18.01	Define the parts of a complete fire inspection report.
18.02	Discuss the proper uses of fire inspection reports.
18.03	Discuss the proper handling, distribution, and retention of fire inspection reports.
18.04	Prepare a draft fire inspection report to acceptable industry standards.
19.0	Demonstrate knowledge of complaint handling and code enforcement procedures--The student will be able to:
19.01	Discuss methods of handling occupant complaints relative to fire inspections.
19.02	Discuss code enforcement authority of fire inspectors.
19.03	Discuss code development and adoption processes.
19.04	Discuss appeal process relative to code violations.
20.0	Demonstrate knowledge of special occupancies--The student will be able to:
20.01	Define special occupancies.
20.02	Discuss LSC applications relative to special occupancies.
20.03	Discuss fire inspection practices relative to special occupancies.
21.0	Demonstrate knowledge of unsafe conditions, fire hazards, and fire loads--The student will be able to:
21.01	Define and discuss unsafe conditions.
21.02	Define and discuss fire hazards.
21.03	Define and discuss fire loads.
22.0	Demonstrate knowledge of fire behavior--The student will be able to:
22.01	Define and discuss the fire triangle.
22.02	Define and discuss the fire tetrahedron.
22.03	Define ignition temperature.
22.04	Define flammable range.
22.05	Define combustion.
23.0	Demonstrate knowledge of fire cause determination--The student will be able to:

23.01	Discuss how to determine the point of origin of a fire.
23.02	Define and discuss "V" patterns.
23.03	Define and discuss char patterns.
23.04	Define and discuss smoke stains.
23.05	Compare and contrast accidental and incendiary fire causes.
24.0	Demonstrate knowledge of proper storage of flammable and combustibles--The student will be able to:
24.01	Define and discuss flammable materials.
24.02	Define and discuss combustible materials.
24.03	Discuss proper storage methods.
24.04	Identify and discuss proper markings for flammable and combustible material storage areas.
25.0	Demonstrate knowledge of proper storage of hazardous materials--The student will be able to:
25.01	Define and discuss hazardous materials.
25.02	Define and discuss material safety data sheets.
25.03	Discuss proper storage methods.
25.04	Identify and discuss proper markings for hazardous materials storage areas.
26.0	Demonstrate knowledge of classifications, controls, and applications of automatic sprinkler systems--The student will be able to:
26.01	List and define the classes of automatic sprinkler systems.
26.02	Identify and describe major controls of automatic sprinkler systems.
26.03	Discuss proper installation and application of automatic sprinkler systems for different classes of occupancies.
27.0	Demonstrate knowledge of inspection practices for fire protection systems--The student will be able to:
27.01	Discuss legal requirements for fire protection system inspections.
27.02	Discuss testing of fire protection systems.
28.0	Demonstrate knowledge of classifications, controls, and applications of portable fire extinguishers--The student will be able to:
28.01	List and define the classes of portable fire extinguishers.

28.02	Identify and describe major controls of portable fire extinguishers.
28.03	Discuss proper installation and application of portable fire extinguishers for different classes of occupancies.
29.0	Demonstrate knowledge of water supply for sprinkler and standpipe systems--The student will be able to:
29.01	Identify the major parts of sprinkler systems.
29.02	Identify the major parts of standpipe systems.
29.03	Discuss the use of sprinkler systems in fire suppression tactics of fire departments.
29.04	Discuss the use of standpipe systems in fire suppression tactics of fire departments.
29.05	Discuss the water supply system for sprinklers.
29.06	Discuss the water supply system for standpipes.
30.0	Demonstrate knowledge of acceptance testing for fire protection systems--The student will be able to:
30.01	Define acceptance testing.
30.02	Define compliance testing.
30.03	Discuss acceptance-testing procedures for fire protection systems.
31.0	Identify the appropriate certifications for fire extinguishers, hood systems, sprinkler systems, and alarm devices--The student will be able to:
31.01	Identify the certification procedures for portable fire extinguishers.
31.02	Identify the certification procedures for hood systems.
31.03	Identify the certification procedures for sprinkler systems.
31.04	Identify the certification procedures for fire alarm systems.
32.0	Demonstrate knowledge of various extinguishing agents--The student will be able to:
32.01	Discuss the properties of water as a fire-extinguishing agent.
32.02	Discuss the properties of dry chemical as a fire-extinguishing agent.
32.03	Discuss the properties of carbon dioxide as a fire-extinguishing agent.
32.04	Discuss the properties of foam as a fire-extinguishing agent.
32.05	Discuss the properties of halon as a fire-extinguishing agent.

33.0	Define types of building classifications and construction types--The student will be able to:
33.01	Define and describe the characteristics of single-family residential construction.
33.02	Define and describe the characteristics of multi-family residential construction.
33.03	Define and describe the characteristics of light commercial construction.
33.04	Define and describe the characteristics of heavy commercial construction.
33.05	Define and describe the characteristics of industrial construction.
34.0	Define various loads and forces that affect buildings--The student will be able to:
34.01	Define (a) vertical load, (b) sheer load, (c) torsional load, (d) compressive load, (e) tension load, (f) static load, (g) live load, and (h) fire load.
34.02	Define wind pressure.
34.03	Discuss windstorm provisions of building codes.
35.0	Demonstrate knowledge of various types of building construction and their effect on fire propagation, smoke generation, and control--The student will be able to:
35.01	Define fire propagation.
35.02	Define smoke generation.
35.03	Define fire control.
35.04	Define balloon construction.
35.05	Define tilt-slab construction.
35.06	Define post-and-lintel construction.
35.07	Given a particular occupancy, discuss the likely development of a fire within that type of construction.
36.0	Define the characteristics of various building materials, with particular regard to fire resistance--The student will be able to:
36.01	Discuss the fire resistance characteristics of wood frame construction.
36.02	Discuss the fire resistance characteristics of metal frame construction.
36.03	Discuss the fire resistance characteristics of masonry construction.
36.04	Discuss the fire resistance characteristics of concrete construction.
37.0	Define the characteristics of various building types and occupancies, with particular regard to fire load and resistance--The student will be

able to:
37.01 Define and describe fire load and resistance in assembly occupancies.
37.02 Define and describe fire load and resistance in educational occupancies.
37.03 Define and describe fire load and resistance in health care occupancies.
37.04 Define and describe fire load and resistance in detention and correctional occupancies.
37.05 Define and describe fire load and resistance in residential occupancies.
37.06 Define and describe fire load and resistance in mercantile occupancies.
37.07 Define and describe fire load and resistance in business occupancies.
37.08 Define and describe fire load and resistance in industrial occupancies.
37.09 Define and describe fire load and resistance in storage occupancies.
38.0 Describe principles of fire resistance, fire growth, and the behavior of fire and smoke in buildings--The student will be able to:
38.01 Define fire resistance.
38.02 Define fire growth.
38.03 Define fire spread.
38.04 Define smoke propagation.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fl DOE.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Firesafety Inspector II
Career Cluster: Law, Public Safety & Security

CCC	
CIP Number	0743020110
Program Type	College Credit Certificate
Program Length	12 credit hours
CTSO	N/A
SOC Codes (all applicable)	33-2021 Fire Inspectors and Investigators
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This certificate program is part of the Fire Science Technology (FESHE Model) AS (1743020100).

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.).

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to align a cluster of Fire Science courses with the promotional and state certification requirements of local and regional public service agencies. The primary intent is to assist incumbent workers in acquiring professional certifications and opportunities for career advancement. Credits acquired through this certificate program can be applied towards the AS in Fire Science Technology. This program does not prepare students for certification as basic fire fighters. A student must successfully complete the basic recruit program in firefighting to become certified, pursuant to Chapter 633, Florida Statutes. Program SOC Code 33-2021 Fire Inspectors and Investigators.

Standards

Fire Inspector II

After successfully completing this program, the student will be able to perform the following:

- 01.0 Periodic table of elements.
- 02.0 Chemical structure.
- 03.0 Inorganic compounds.
- 04.0 Organic compounds I: organic architecture.
- 05.0 Organic compounds II: non-polar compounds.
- 06.0 Organic compounds III: polar compounds.
- 07.0 Chemical formulas.
- 08.0 Identify the chemical and physical properties of matter.
- 09.0 Physical effects and exposure to hazardous materials.
- 10.0 Science officer research.
- 11.0 Identify the common elements by their atomic symbols on the periodic table and demonstrate an understanding of why the table is organized into columns and groups.
- 12.0 Differentiate between elements, compounds and mixtures, and give examples of each.
- 13.0 Explain the difference between ionic and covalent bonding and be able to predict when each will occur.
- 14.0 Identify, name, and understand the basic chemistry involved with common hydrocarbon derivatives.
- 15.0 Comprehend the basic chemical and physical properties of gases, liquids and solids, and predict the behavior of a substance under adverse conditions.
- 16.0 Identify, name, and understand the basic chemistry and hazards involved with the nine U.S. Department of Transportation hazard classes and their divisions.
- 17.0 Analyze facility occupancy, transportation documents, shape and size of containers, and Material Safety Data Sheets (MSDS) to recognize the physical state and potential hazards of reactivity related to firefighter health and safety.
- 18.0 Demonstrate the ability to utilize guidebooks to determine an initial course of action for emergency responders.
- 19.0 Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
- 20.0 Name the parts of a pre-engineered system.
- 21.0 Explain how a pre-engineered system operates.
- 22.0 Describe the application of a pre-engineered system.
- 23.0 List the different types of extinguishing agents.
- 24.0 Define the different extinguishing agents.
- 25.0 Describe the properties of the various extinguishing agents.
- 26.0 The student will demonstrate an understanding of alarm systems associated with pre-engineered systems.
- 27.0 Name the components of a pre-engineered system alarm.
- 28.0 Describe the activation of the alarm system.
- 29.0 List the associated compliance codes required for alarm systems.
- 30.0 The student will demonstrate an understanding of inspection procedures.
- 31.0 Describe the inspection procedure for a pre-engineered system.
- 32.0 List the inspection guidelines for pre-engineered systems.
- 33.0 Explain the need for inspections of pre-engineered systems.
- 34.0 Identify the problem.
- 35.0 Detecting incendiary fires.
- 36.0 Understand the nature and behavior of fire.

- 37.0 Understand the combustible properties of liquid and gaseous fuels.
- 38.0 Understand the properties of solid fuels.
- 39.0 Identify sources of ignition.
- 40.0 Deal with structure fires.
- 41.0 Deal with wildland fires.
- 42.0 Deal with vehicle and ship fires.
- 43.0 Electrical cause fires.
- 44.0 Clothing and fabric fires.
- 45.0 Explosions.
- 46.0 Chemical fires and hazardous materials.
- 47.0 Available lab services.
- 48.0 Fire related deaths and injuries.
- 49.0 Arson as a crime.
- 50.0 Other investigative topics.
- 51.0 Describe an exothermic reaction.
- 52.0 Explain various terms describing fire behavior.
- 53.0 Describe hazards associated with fire.
- 54.0 Describe burn injuries and their care.
- 55.0 Know and use resources in injury prevention available on a national basis.
- 56.0 Know and use resources in injury prevention on a statewide basis.
- 57.0 Know and use resources in injury prevention on a local basis.
- 58.0 Understand the importance of documentation of activities.
- 59.0 Given forms and formats, document fire and life safety education programs.
- 60.0 Given forms and formats, prepare written reports.
- 61.0 Given a list of events, program requests, etc. maintain a work schedule.
- 62.0 Demonstrate an understanding of methods used in conducting fire and life safety programs.
- 63.0 Select instructional materials that are appropriate to the audience and learning objectives.
- 64.0 Maintain safety during fire and life safety education activities.
- 65.0 Present a lesson plan.
- 66.0 Notify the public of an educational event.
- 67.0 Distribute educational information.
- 68.0 Administer an evaluation instrument.
- 69.0 Score and evaluation instrument.
- 70.0 To train fire rescue department personnel in the role of Public Information Officer (PIO).
- 71.0 To give participants an overview of the key functions and responsibilities of the fire rescue department PIO.
- 72.0 To stress the need for cooperation with the media.
- 73.0 To show trainees an example of an effective PIO at work at an emergency scene.
- 74.0 To give trainees an opportunity to practice specific performance based skills required in the PIO function.
- 75.0 To be familiar with the most current media technology.
- 76.0 Understand the need for public information policies.
- 77.0 Understand Incident Command System (ICS), Joint Information Center (JIC), and Joint Information Systems (JIS)
- 78.0 Discuss unified message.

**Florida Department of Education
Student Performance Standards**

Program Title: Firesafety Inspector II
CIP Numbers: 0743020110
Program Length: 12 credit hours
SOC Code(s):33-2021

This certificate program is part of the Fire Science Technology (FESHE Model) AS (1743020100). At the completion of this program, the student will be able to:

01.0	Periodic table of elements.
02.0	Chemical structure.
03.0	Inorganic compounds.
04.0	Organic compounds I: organic architecture.
05.0	Organic compounds II: non-polar compounds.
06.0	Organic compounds III: polar compounds.
07.0	Chemical formulas.
08.0	Identify the chemical and physical properties of matter.
09.0	Physical effects and exposure to hazardous materials.
10.0	Science officer research.
11.0	Identify the common elements by their atomic symbols on the periodic table and demonstrate an understanding of why the table is organized into columns and groups.
12.0	Differentiate between elements, compounds and mixtures, and give examples of each.
13.0	Explain the difference between ionic and covalent bonding and be able to predict when each will occur.
14.0	Identify, name, and understand the basic chemistry involved with common hydrocarbon derivatives.
15.0	Comprehend the basic chemical and physical properties of gases, liquids and solids, and predict the behavior of a substance under adverse conditions.
16.0	Identify, name, and understand the basic chemistry and hazards involved with the nine U.S. Department of Transportation hazard classes and their divisions.
17.0	Analyze facility occupancy, transportation documents, shape and size of containers, and Material Safety Data Sheets (MSDS) to recognize

	the physical state and potential hazards of reactivity related to firefighter health and safety.
18.0	Demonstrate the ability to utilize guidebooks to determine an initial course of action for emergency responders.
19.0	Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
20.0	Name the parts of a pre-engineered system.
21.0	Explain how a pre-engineered system operates.
22.0	Describe the application of a pre-engineered system.
23.0	List the different types of extinguishing agents.
24.0	Define the different extinguishing agents.
25.0	Describe the properties of the various extinguishing agents.
26.0	The student will demonstrate an understanding of alarm systems associated with pre-engineered systems.
27.0	Name the components of a pre-engineered system alarm.
28.0	Describe the activation of the alarm system.
29.0	List the associated compliance codes required for alarm systems.
30.0	The student will demonstrate an understanding of inspection procedures.
31.0	Describe the inspection procedure for a pre-engineered system.
32.0	List the inspection guidelines for pre-engineered systems.
33.0	Explain the need for inspections of pre-engineered systems.
34.0	Identify the problem.
35.0	Detecting incendiary fires.
36.0	Understand the nature and behavior of fire.
37.0	Understand the combustible properties of liquid and gaseous fuels.
38.0	Understand the properties of solid fuels.
39.0	Identify sources of ignition.
40.0	Deal with structure fires.

41.0	Deal with wildland fires.
42.0	Deal with vehicle and ship fires.
43.0	Electrical cause fires.
44.0	Clothing and fabric fires.
45.0	Explosions.
46.0	Chemical fires and hazardous materials.
47.0	Available lab services.
48.0	Fire related deaths and injuries.
49.0	Arson as a crime.
50.0	Other investigative topics.
Elective: (choose one)	
<u>FFP1793 Fire and Life Safety Educator - Level I</u>	
51.0	Describe an exothermic reaction.
52.0	Explain various terms describing fire behavior.
53.0	Describe hazards associated with fire.
54.0	Describe burn injuries and their care.
55.0	Know and use resources in injury prevention available on a national basis.
56.0	Know and use resources in injury prevention on a statewide basis.
57.0	Know and use resources in injury prevention on a local basis.
58.0	Understand the importance of documentation of activities.
59.0	Given forms and formats, document fire and life safety education programs.

60.0	Given forms and formats, prepare written reports.
61.0	Given a list of events, program requests, etc. maintain a work schedule.
62.0	Demonstrate an understanding of methods used in conducting fire and life safety programs.
63.0	Select instructional materials that are appropriate to the audience and learning objectives.
64.0	Maintain safety during fire and life safety education activities.
65.0	Present a lesson plan.
66.0	Notify the public of an educational event.
67.0	Distribute educational information.
68.0	Administer an evaluation instrument.
69.0	Score and evaluation instrument.
<u>FFP2706 Public Information Officer (PIO)</u>	
70.0	To train fire rescue department personnel in the role of PIO.
71.0	To give participants an overview of the key functions and responsibilities of the fire rescue department PIO.
72.0	To stress the need for cooperation with the media.
73.0	To show trainees an example of an effective PIO at work at an emergency scene.
74.0	To give trainees an opportunity to practice specific performance based skills required in the PIO function.
75.0	To be familiar with the most current media technology.
76.0	Understand the need for public information policies.
77.0	Understand Incident Command System (ICS), Joint Information Center (JIC), and Joint Information Systems (JIS)
78.0	Discuss unified message.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fl DOE.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Fire Officer Supervisor
Career Cluster: Law, Public Safety and Security

CCC	
CIP Number	0743020111
Program Type	College Credit Certificate
Standard Length	12 credit hours
CTSO	N/A
SOC Codes (all applicable)	33-1021 Municipal Fire Fighting and Prevention Supervisors
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This certificate program is part of the Fire Science Technology AS degree program (1743020112).

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.).

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to prepare students for employment as Firefighting and Prevention Supervisors (SOC 33-1021) to supervise firefighters who control and extinguish fires, protect life and property, and conduct rescue efforts. The program may also be beneficial to professionals seeking incentive benefits or career enhancement in the field.

This program does not prepare students for certification as fire fighters. A student must successfully complete the basic recruit program in firefighting to become certified, pursuant to Chapter 633, Florida Statutes.

This program does not complete the requirements to be eligible to sit for Bureau of Fire Standards and Training (BFST) certification exams. A student must contact the Bureau of Fire Standards and Training (BFST) for additional requirements.

Program Structure

This program is a planned sequence of instruction consisting of 12 credit hours.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled.
- 02.0 Comprehend the concepts of building construction components and techniques related to fire and life safety.
- 03.0 Understand the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, utilization of fire and life-safety codes, identification and correction of fire hazards, and the relationships of fire prevention with fire protection systems, fire investigation, and fire and life-safety education.
- 04.0 Discuss fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection/service; fire loss analysis; organization, management, and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; and specific fire protection functions.
- 05.0 Examine the organization and management of a fire department and the relationship of government agencies to the fire service.
- 06.0 Define risk evaluation and control procedures for fire stations, training sites, emergency vehicles, and emergency situations involving fire, EMS, hazardous materials, and technical rescue.
- 07.0 Discuss the federal, state, and local laws that regulate emergency services, national standards influencing emergency services, standard of care, tort, liability, and a review of court cases.
- 08.0 Analyze the principles of fire control through utilization of personnel, equipment, and extinguishing agents on the fire ground.
- 09.0 Identify the fundamentals and technical knowledge needed for proper fire scene interpretations, including recognizing and conducting origin and cause, preservation of evidence and documentation, scene security, motives of the fire setter, and types of fire causes.
- 10.0 Describe and discuss methods of instruction involved in planning and conducting an effective training program for adult learners.

Florida Department of Education
Student Performance Standards

Program Title: Fire Officer Supervisor
 CIP Numbers: 0743020111
 Program Length: 12 credit hours
 SOC Code(s): 33-1021

The AS degree requires the inclusion of a minimum of 15 credits of general education coursework according to SACS, and it must be transferable according to Rule 6A-14.030 (2), F.A.C. At the completion of this program, the student will be able to:

01.0	Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled.--The student will be able to:
01.01	Identify physical properties of the three states of matter.
01.02	Describe the components of fire.
01.03	Recall the physical and chemical properties of fire.
01.04	Describe and apply the process of combustion and burning.
01.05	Discuss the basic terms and concepts associated with the chemistry and dynamics of fire and combustion.
01.06	Describe the dynamics of fire.
01.07	Discuss various materials and their relationship to fires as fuel.
01.08	Summarize the characteristics of water as a fire suppression agent.
01.09	Discuss other-than-water suppression agents and strategies.
01.10	Compare methods and techniques of fire extinguishments.
01.11	Describe the basic components of fire as a chemical reaction.
02.0	Comprehend the concepts of building construction components and techniques related to fire and life safety. --The student will be able to:
02.01	Describe building construction components and techniques as they relate to building codes, fire and life-safety codes, fire prevention and inspection, firefighter safety, and firefighting strategy and tactics.
02.02	Distinguish the Classifications of major types of building construction as applicable with “model” building codes.
02.03	Interpret the hazards and tactical considerations associated with the various types of building construction.
02.04	Explain the different loads and stresses that are placed on a building and their interrelationships.

02.05	Indicate principle structural components in a typical building design.
02.06	Explain the function of each building design.
02.07	Compare defined differences in fire resistance construction, the flame spread within building types, and describe the testing procedures used to establish ratings for each.
02.08	Classify occupancy designations of the building and fire code.
02.09	Identify the indicators of potential structural failure as they relate to firefighter safety.
02.10	Identify and analyze the causes involved in the line of duty firefighter deaths related to structural firefighting and building collapse.
02.10	Explain the various loads and stresses exerted on a building resulting from environmental sources.
02.11	Indicate building construction components and techniques used to resist forces due to environmental causes.
03.0	Understand the history and philosophy of fire prevention, including code enforcement, public information, organization and operation of a fire prevention bureau, utilization of fire codes, identification and correction of fire hazards, and the relationships of fire prevention with built-in fire protection systems, fire investigation, and fire and life-safety education--The student will be able to:
03.01	Define the national fire problem and main issues relating thereto and the role of fire prevention.
03.02	Recognize the need, responsibilities, and importance of fire prevention as part of an overall mix of fire protection.
03.03	Recognize the need, responsibilities, and importance of fire prevention organizations.
03.04	Identify the laws, rules, codes, and other regulations relevant to fire protection of the authority having jurisdiction.
03.05	Discuss training programs for fire prevention.
04.0	Discuss fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection/service; fire loss analysis; organization, management, and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; and introduction to fire strategy and tactics--The student will be able to:
04.01	Describe and discuss the components of the history and philosophy of the modern day fire service.
04.02	Describe the fire service training requirements; standards and laws associated with training; and the value of higher-education in the fire service.
04.03	List and describe local, regional, state, and national organizations that provide emergency response service and their interrelation to how they impact policies rules, training and laws.
04.04	Identify fire protection and emergency-service careers in both the public and in the private sector.
04.05	Synthesize the role of national, state and local support organizations in fire protection and emergency services.
04.06	Describe the common types of fire and emergency services facilities, equipment, and apparatus.

04.07	Compare and contrast effective management concepts for various emergency situations.
05.0	Examine the organization and management of a fire department and the relationship of government agencies to the fire service --The student will be able to:
05.01	List employment opportunities in public safety as well as the prerequisites required to be considered for the positions in the field.
05.02	Identify Public Safety career development practices.
05.03	Explain written and verbal communication skills and their importance in public safety.
05.04	Describe the concepts of span and control, effective delegation and division of labor management principles and concepts.
05.05	Recognize appropriate appraising and disciplinary actions and the impact on employee behavior.
05.06	Summarize the history and development of management and supervision.
05.07	Evaluate methods of managing available resources.
05.08	Identify roles and responsibilities of fire department personnel and management/leadership positions.
05.09	Compare and contrast the traits of effective versus ineffective supervision and management styles.
05.10	Identify and discuss safety needs for both emergency and non-emergency situations.
05.11	Defend the importance of ethics in the public safety work environment as they apply to supervisors.
05.12	Identify the roles of company officers in current Incident Command/Management systems to include: ICS, NIMS, and Unified Command.
05.13	Demonstrate business writing principles, report writing and recording concepts and describe appropriate documentation and legal requirements for fire department reports and forms using effective writing techniques
06.0	Define risk evaluation and control procedures for fire stations, training sites, emergency vehicles, and emergency situations involving fire, EMS, hazardous materials, and technical rescue --The student will be able to:
06.01	Describe the history of wellness and safety programs.
06.02	Identify occupational wellness safety programs in industry today.
06.03	Identify occupational wellness and safety programs for the emergency services.
06.04	Describe the distinction between standards and regulations.
06.05	Identify federal regulations that impact on health and safety programs.
06.06	Identify the standards that impact on occupational wellness and safety.
06.07	Identify the concepts of risk identification and risk evaluation.

06.08	Describe the considerations for safety in fire stations and emergency response vehicles.
06.09	Describe the components of an effective response safety plan.
06.10	Describe the components of the pre-incident planning process.
06.11	Describe the considerations for safety while training.
06.12	Define the value of personal protective equipment.
06.13	Describe the components of accountability system in emergency operations.
06.14	Define incident priorities and how they relate to health and safety.
06.15	Describe the relationship of incident management as it relates to health and safety.
06.16	Describe the methods of controlling hazards associated with responding to EMS, hazmat, and technical rescue incidents.
06.17	Explain the need for and the process used for post-incident analysis.
06.18	Describe the components and value of critical incident management programs.
06.19	Describe the responsibilities of individual responders, supervisors, safety officers, and incident commanders, safety program managers, safety committees and fire department managers as they relate to health and safety programs.
06.20	Describe the components of a wellness/fitness plan.
07.0	Discuss the federal, state, and local laws that regulate emergency services, national standards influencing emergency services, standard of care, tort, liability, and a review of court cases--The student will be able to:
07.01	Define the different types of laws; explain their basic differences, and how the law functions in society.
07.02	Describe federal, state, and local laws, which regulate or influence emergency services.
07.03	Explain the role and purpose of national codes and standards concerning their legal influence on public safety.
07.04	Discuss legal decisions affecting the management, training, equipment and response procedures of the fire service.
07.05	Discuss the organization and legal structure of the fire department.
07.06	Define firefighter liabilities.
07.07	Recognize legal duties of emergency service members.
07.08	Discuss negligence in an emergency setting.
07.09	Define discrimination and identify areas of potential discrimination in the emergency service as it relates to state and federal laws.

07.10	Identify, explain and discuss the legalities of public safety employment entrance requirements, residency, grooming, and drug testing.
07.11	Discuss the scope of the civil rights act.
07.12	Explain the federal and state employment laws including the basic intent of the Fair Labor Standards Act, Americans with Disabilities Act (ADA), and Family Medical Leave Act (FMLA).
07.13	Define the at-will doctrine for employment.
07.14	Discuss the purpose of labor and employment laws.
08.0	Analyze the principles of fire control through utilization of personnel, equipment, and extinguishing agents on the fire ground.--The student will be able to:
08.01	Describe fire behavior and the chemistry of fire.
08.02	Explain the main components of pre-fire planning and can identify steps to complete a pre-fire plan review.
08.03	Explain building construction and components and how they interrelate to pre-fire planning.
08.04	Identify steps taken during size-up and recognize the order in which they will take place at an incident.
08.05	Describe concepts for effectiveness of fire ground communications
08.06	Define the main functions within an IMS system and how they interrelate during an incident.
08.07	Identify concepts for managing resources for expanding incidents.
09.0	Identify the fundamentals and technical knowledge needed for proper fire scene interpretations, including recognizing and conducting origin and cause, preservation of evidence and documentation, scene security, motives of the fire setter, and types of fire causes--The student will be able to:
09.01	Identify the responsibilities of a firefighter when responding to the scene of a fire, including scene security and evidence preservation.
09.02	Describe the implications of constitutional amendments as they apply to fire investigations.
09.03	Identify key case law decisions that have affected fire investigations.
09.04	Define the common terms used in fire investigations.
09.05	Explain the basic elements of fire dynamics and how they affect cause determination.
09.06	Compare the types of building construction on fire progression.
09.07	Describe how fire progression is affected by fire protection systems and building design.
09.08	Discuss the basic principles of electricity as an ignition source.

09.09	Describe the process of conducting investigations using the scientific method.
09.10	Identify the characteristics of an incendiary fire and common motives of the fire setter.
10.0	Describe and discuss methods of instruction involved in planning and conducting an effective training program for adult learners.--The student will be able to:
10.01	Define various roles of an instructor.
10.02	Define characteristics of an instructor.
10.03	List the responsibilities of an instructor.
10.04	Explain how ethics influence students and instruction in a classroom.
10.05	Understand legal issues faced by instructors.
10.06	Identify difficult students and how to deal with them.
10.07	Describe types of feedback.
10.08	Discuss the instructor's role in safety in the classroom.
10.09	Describe and discuss the characteristics and motivation of adult learners.
10.10	Explain how ethics influence students and instruction in a classroom.
10.11	Define the four levels of evaluation.
10.12	Describe the elements of an effective training program.
10.13	Identify questions that should be asked when planning a training program.
10.14	List methods used to evaluate a program.
10.15	Identify the components of a training proposal.
10.16	Recognize what needs to be kept in training records.
10.17	Identify concerns when choosing instructors and facilities.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

This program does not complete the requirements to be eligible to sit for Bureau of Fire Standards and Training (BFST) certification exams. A student must contact the Bureau of Fire Standards and Training (BFST) for additional requirements.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.shtml>

Florida Department of Education
Curriculum Framework

Program Title: Fire Company Management
Career Cluster: Law, Public Safety & Security

CCC	
CIP Number	0743020202
Program Type	College Credit Certificate (CCC)
Program Length	15 credit hours
CTSO	N/A
SOC Codes (all applicable)	33-2021 Fire Inspectors and Investigators
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This certificate program is part of the Fire Science Technology (FESHE Model) AS (1743020100).

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.).

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to align a cluster of Fire Science courses with the promotional and state certification requirements of local and regional public service agencies. The primary intent is to assist incumbent workers in acquiring professional certifications and opportunities for career advancement. Credits acquired through this certificate program can be applied towards the AS in Fire Science Technology. This program does not prepare students for certification as basic fire fighters. A student must successfully complete the basic recruit program in fire fighting to become certified, pursuant to Chapter 633, Florida Statutes. Program SOC Code 33-2021 - Fire Inspectors and Investigators.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled.
- 02.0 Demonstrate an understanding of the components of building construction that relate to fire and life safety.
- 03.0 Understand the principles of the use of water in fire protection and how to apply hydraulic principles to analyze and to solve water supply problems.
- 04.0 Examine the organization and management of a fire department and the relationship of government agencies to the fire service.
- 05.0 Analyze the principles of fire control through utilization of personnel, equipment, and extinguishing agents on the fire ground.

Florida Department of Education
Student Performance Standards

Program Title: Fire Company Management
 CIP Numbers: 0743020202
 Program Length: 15 credit hours
 SOC Code(s): 33-2021

This certificate program is part of the Fire Science Technology (FESHE Model) AS (1743020100). At the completion of this program, the student will be able to:

01.0	Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled--The student will be able to:
01.01	Identify physical properties of the three states of matter.
01.02	Categorize the components of fire.
01.03	Recall the physical and chemical properties of fire.
01.04	Describe and apply the process of burning.
01.05	Define and use basic terms and concepts associated with the chemistry and dynamics of fire.
01.06	Describe the dynamics of fire.
01.07	Discuss various materials and their relationship to fires as fuel.
01.08	Demonstrate knowledge of the characteristics of water as a fire suppression agent.
01.09	Articulate other suppression agents and strategies.
01.10	Compare other methods and techniques of fire extinguishments.
02.0	Demonstrate an understanding of the components of building construction that relate to fire and life safety--The student will be able to:
02.01	Demonstrate an understanding of building construction as it relates to firefighter safety, building codes, fire prevention, code inspection and firefighting strategy and tactics.
02.02	Classify major types of building construction.
02.03	Analyze the hazards and tactical considerations associated with the various types of building construction.
02.04	Explain the different loads and stresses that are placed on a building and their interrelationships.

02.05	Identify the principle structural components of buildings and demonstrate an understanding of the function of each.
02.06	Differentiate between fire resistance and flame spread, and describe the testing procedures used to establish ratings for each.
02.07	Classify occupancy designations of the building code.
02.08	Identify the indicators of potential structural failure as they relate to firefighter safety.
02.09	Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
03.0	Understand the principles of the use of water in fire protection and how to apply hydraulic principles to analyze and to solve water supply problems--The student will be able to:
03.01	Apply mathematics and physics to the movement of water in fire suppression activities.
03.02	Comprehend the design principles of fire service pumping apparatus.
03.03	Analyze community fire flow demand criteria.
03.04	Demonstrate, through problem solving, a thorough understanding of the principles of forces that affect water at rest and in motion.
Non-Core Courses:	
04.0	Examine the organization and management of a fire department and the relationship of government agencies to the fire service--The student will be able to:
04.01	Identify career development opportunities and strategies for success.
04.02	Explain the need for effective communication skills both written and verbal.
04.03	Articulate the concepts of span and control, effective delegation and division of labor.
04.04	Recognize appropriate appraising and disciplinary actions and the impact on employee behavior.
04.05	Examine the history and development of management and supervision.
04.06	Evaluate methods of managing available resources.
04.07	Identify roles and responsibilities of leaders in organizations.
04.08	Compare and contrast the traits of effective versus ineffective supervision and management styles.
04.09	Identify and assess safety needs for both emergency and non-emergency situations.
04.10	Identify the importance of ethics as they apply to supervisors.
04.11	Identify the role of a company officer in Incident Command System (ICS).

04.12	Describe the benefits of documentation.
04.13	Identify and analyze the major causes involved in line of duty firefighter deaths related to health, wellness, fitness and vehicle operations.
05.0	Analyze the principles of fire control through utilization of personnel, equipment, and extinguishing agents on the fire ground--The student will be able to:
05.01	Demonstrate (verbally and written) knowledge of fire behavior and the chemistry of fire.
05.02	Articulate the main components of pre-fire planning and identify steps during a pre-fire plan review.
05.03	Recall the basics of building construction and how they interrelate to pre-fire planning.
05.04	Recall major steps taken during size-up and identify the order in which they will take place at an incident.
05.05	Recognize and articulate the importance of fire ground communications.
05.06	Identify and define the main functions within the ICS system and how they interrelate during an incident.
05.07	Given different scenarios, the student will set up and ICS call for appropriate resources and bring the scenario to a mitigated or controlled conclusion.
05.08	Identify and analyze the major causes involved in line of duty firefighter deaths related to health, wellness, fitness and vehicle operations.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

In some instances, it may be necessary for selected instructors to be certified by the Bureau of Fire Standards and Training to teach specific courses. Planned and supervised occupational activities may be provided through directed laboratory experience, practicum or cooperative experience. Whenever the cooperative method is offered, the following is required for each student: (1) a training plan signed by the student, the instructor and the employer which includes instructional objectives and a list of on-the-job and in-school learning experiences; and (2) a work station which reflects equipment, skills, and tasks relevant to the student's career goal. Students must receive compensation for work performed.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Paralegal Studies (Legal Assisting)
Career Cluster: Law, Public Safety & Security

AS

CIP Number	1722030200
Program Type	College Credit
Standard Length	64 - 68 credit hours
CTSO	N/A
SOC Codes (all applicable)	23-2011 Paralegals and Legal Assistants; 23-2093 Title Examiners, Abstractors, and Searchers
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to prepare students for employment as paralegals and paralegals (SOC 23-2011), title examiners (SOC 23-2093) or abstractors (SOC 23-2093), or to provide supplemental training for persons previously or currently employed in these occupations. The program should meet the requirements of paralegal education programs recommended by the American Bar Association.

Program Structure

This program is a planned sequence of instruction consisting of 64 credit hours. The content includes, but is not limited to, legal research and legal writing; litigation and trial practice; corporate law; wills, estates and trusts; tort law; family law; law office management; real property law; tax law; criminal law; constitutional law; ethics and code of professional responsibility; contract law; employability skills; leadership and human relations skills; and health and safety.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Demonstrate knowledge of the ethical and professional standards of the paralegal.
- 02.0 Demonstrate ability to utilize the law library and apply knowledge to legal writing.
- 03.0 Demonstrate knowledge of tort law, constitutional law, and criminal law concepts and their application to factual situations.
- 04.0 Demonstrate knowledge of all phases of trial practice and procedure.
- 05.0 Demonstrate knowledge of real property law and its application to real property transactions.
- 06.0 Demonstrate knowledge of estate planning and probate administration concepts and their application to probate procedures.
- 07.0 Demonstrate knowledge of the fundamental principles of the law of business organizations.
- 08.0 Demonstrate knowledge of the fundamental principles of contract law including the Uniform Commercial Code.
- 09.0 Demonstrate knowledge of, and ability to perform, litigation techniques and procedures.
- 10.0 Demonstrate knowledge of management techniques and procedures.
- 11.0 Demonstrate knowledge of family law and procedure.
- 12.0 Demonstrate employability skills.
- 13.0 Demonstrate an understanding of entrepreneurship.

Florida Department of Education
Student Performance Standards

Program Title: Paralegal Studies (Legal Assisting)
 CIP Numbers: 1722030200
 Program Length: 64 credit hours
 SOC Code(s): 23-2011, 23-2093

The AS degree requires the inclusion of a minimum of 15 credits of general education coursework according to SACS, and it must be transferable according to Rule 6A-14.030 (2), F.A.C. At the completion of this program, the student will be able to:

01.0	Demonstrate knowledge of the ethical and professional standards of the paralegal--The student will be able to:
01.01	Define a variety of legal terms and concepts relating to professionalism and the Unauthorized Practice of Law.
01.02	Contrast the duties and responsibilities of the legal secretary with those of the paralegal.
01.03	List five typical duties of the paralegal.
01.04	List four activities paralegals are prohibited from doing.
01.05	Briefly outline the history and development of the occupation of paralegal.
01.06	Write a convincing statement as to why a lawyer should hire a graduate of a good paralegal program.
01.07	Explain how lawyers and paralegal personnel function in our legal system.
01.08	List, discuss and apply the rules of ethics in the legal profession, with special emphasis on client confidentiality.
01.09	Describe methods for resolving ethical dilemmas within the legal environment.
01.10	Discuss what constitutes legal malpractice and illustrate the discussion with examples of malpractice.
02.0	Demonstrate ability to utilize the law library and apply knowledge to legal writing--The student will be able to:
02.01	Explain the court system of the State of Florida.
02.02	List the basic steps in legal research.
02.03	List and explain the different State and Federal courts, and describe the jurisdiction of each.
02.04	Discuss the fundamental features of civil litigation, criminal litigation and administrative procedures.
02.05	Discuss the term "authority" as it is used in legal writing, and explain the hierarchy of authority, and the difference between mandatory and persuasive authority.

02.06	Discuss case law, how it is made, its component parts, and how to use cases to resolve a legal problem.
02.07	Contrast case law with statutory law, and explain how to interpret statutes, using intrinsic and extrinsic sources.
02.08	Demonstrate how to “brief” a case.
02.09	Explain the difference between legal publications, treatises, and other legal writings.
02.10	List the legal publications most commonly used in the practice of law.
02.11	Explain administrative rules or regulations and that they have the force of law.
02.12	Given a hypothetical case, find applicable statutory law.
02.13	Given a hypothetical case, find applicable regulatory law.
02.14	Given a hypothetical case, find applicable case law.
02.15	Demonstrate how to analogize or distinguish the facts and law of one case to the facts of a given legal problem.
02.16	Demonstrate a working knowledge of the legal research system, by writing a short memorandum on a given question of law, and explaining the steps taken in finding the sources and reaching the conclusions.
02.17	Demonstrate the ability to use a uniform system of citing cases, and to update and cross-reference cases.
02.18	Demonstrate the ability to locate and update legal authority using computer-assisted legal research tools.
02.19	Discuss the purpose of, and draft, a legal memorandum.
03.0	Demonstrate knowledge of tort law, constitutional law, and criminal law concepts and their application to factual situations--The student will be able to:
03.01	Define the following tort concepts as well as apply the concepts to factual situations:
	a. Intentional torts as regards interference with persons
	b. Intentional torts as regards interference with property
	c. Defenses to an intentional tort
	d. Negligence and the elements of negligence
	e. Reasonable person
	f. Res Ipsa Loquitur
	g. Proximate cause
	h. Defenses to negligence actions

	i. Strict liability
	j. Product liability
03.02	Discuss the United States Constitution in the following areas:
	a. The philosophical underpinnings of the Constitution
	b. The structure of the Constitution
	c. The Bill of Rights
	d. The Fourteenth Amendment as regards:
	<ul style="list-style-type: none"> • Due process clause, and substantive due process, as contrasted to procedural due process • Equal Protection Clause
03.03	Discuss and define terms and concepts of Criminal Law to include:
	a. The Theory of Criminal Law - distinguish the concepts of Malum in se and Malum prohibitum
	b. The evolving nature of criminal law, e.g. The legal definition of a viable human being
	c. Crimes against persons: types, and the elements of each
	d. Crimes against property: types, and the elements of each
	e. Overlapping crimes against the person and against property
	f. Inchoate crimes
	g. Defenses to Criminal Prosecution
03.04	Discuss each stage in a criminal proceeding from investigation to disposition and post-conviction procedures.
04.0	Demonstrate knowledge of all phases of trial practice and procedure--The student will be able to:
04.01	Define a variety of terms associated with litigation and trial practice.
04.02	Explain the sequence and basic contents of pleadings.
04.03	Prepare pleadings from information given in a simple hypothetical situation.
04.04	List and briefly explain six causes of action in civil cases.
04.05	Explain the basic concept of the Statute of Limitations.

04.06	Discuss and prepare discovery documents.
04.07	Discuss the basic rules of procedure and evidence code.
04.08	Describe how evidence/exhibits are organized for trial.
04.09	Describe the purpose and contents of a trial notebook.
04.10	Describe the typical steps in jury and nonjury civil trials from pretrial through the appeal, if any.
05.0	Demonstrate knowledge of real property law and its application to real property transactions--The student will be able to:
05.01	Define a variety of terms associated with real estate transactions.
05.02	Discuss real property concepts to include, but not be limited to, the types of estates that can be conveyed under Florida law.
05.03	Contrast the basic responsibilities of the lawyer and the real estate broker in the conveyance of real property, from the sales or option contract to the recording of the deed.
05.04	Describe the basic requirements of, and prepare, a contract for sale of real property.
05.05	Describe and prepare real property deeds.
05.06	Discuss the purpose of title insurance, a title search and how the "search" is made.
05.07	Explain how "recording" is accomplished and the importance of recording a deed, mortgage, or other real estate documents.
05.08	List and explain the most common forms of limitations on real property use such as covenants, easements, zoning laws, and land use regulations.
05.09	Briefly explain the various encumbrances that can be placed against real property.
05.10	Describe, plan and execute the steps and procedures in a typical real estate closing.
05.11	Describe and prepare a variety of real property documents such as a lease, a promissory note, an option contract, an agreement for deed or a mortgage.
05.12	Distinguish personal property from real property.
06.0	Demonstrate knowledge of estate planning and probate administration concepts and their application to probate procedures--The student will be able to:
06.01	Define a variety of terms and concepts associated with wills, trusts and probate administration.
06.02	Explain the purposes and requirements of wills and codicils.
06.03	Define a simple Inter Vivos, and a Testamentary trust.
06.04	Explain the procedures of Probate in general.

07.0	Demonstrate knowledge of the fundamental principles of the law of business organizations--The student will be able to:
07.01	Define a variety of terms associated with business organizations.
07.02	State the major advantages and disadvantages of the various types of business organizations.
07.03	Describe the procedures and steps leading to formation, modification and dissolution of various types of business organizations.
07.04	Discuss the rights, duties and liabilities of the owners, officers, directors and employees of various types of business organizations.
07.05	Explain the financial structure of various business organizations.
07.06	Discuss the nature of the agency relationship to include the duties and liabilities of the principal, the agent, and third parties.
08.0	Demonstrate knowledge of fundamental principles of contract law including the uniform commercial code--The student will be able to:
08.01	Demonstrate knowledge of the elements of a contract.
08.02	Demonstrate knowledge of contract terminology.
08.03	Recognize and identify the differences between void and voidable contracts.
08.04	Demonstrate knowledge of the statute of frauds.
08.05	Demonstrate knowledge of the Parol Evidence Rule.
08.06	Recognize and identify various types of contracts, such as adhesion, bilateral, unilateral, implied, and express.
08.07	Prepare a basic contract given a set of facts.
08.08	Demonstrate knowledge of specific performance, breach of contract, and remedies for breach of contract.
08.09	Demonstrate knowledge of third party beneficiary contracts.
08.10	Demonstrate knowledge of requirements for modification of contracts and assignments of contracts.
09.0	Demonstrate knowledge of, and ability to perform, litigation techniques and procedures--The student will be able to:
09.01	Describe the various types of interviews that a paralegal would conduct.
09.02	State what the paralegal would need to know prior to the interview, and also describe the materials needed in preparation for the interview.
09.03	Describe the techniques for asking questions, and also list the basic points for good listening.
09.04	Describe the form, or format, that the paralegal would use to present the results of the interview to the attorney.
09.05	Describe the purpose of background investigations and analysis.

09.06	List the sources of information for conducting the background investigations.
09.07	Describe how the results of the background investigation and analysis can be presented to the attorney.
09.08	Discuss the evaluation and use of the evidence.
10.0	Demonstrate knowledge of management techniques and procedures--The student will be able to:
10.01	Define a variety of terms and concepts relating to law office management and structure.
10.02	List and discuss techniques for improving the confidence that clients will have in the personnel of the law office.
10.03	Discuss the various aspects of fee setting in the law office to include fixed fees, minimum fees, contingent fees, retainers, payment schedules and billing practice.
10.04	Describe the steps and procedures involved in recruiting and selecting personnel for the law office.
10.05	Describe how client files are opened, maintained and closed.
10.06	Describe the purpose and content of an employee handbook.
10.07	Describe a typical law office; its purposes and uses.
10.08	Describe a filing system that would be suitable for a small law office.
10.09	List the advantages of data management and microcomputer skills in a law office.
10.10	Describe the elements of an emergency preparedness plan for a law office.
11.0	Demonstrate knowledge of family law and procedure--The student will be able to:
11.01	Define a variety of legal terms and concepts relating to family law.
11.02	Define the requirements for a valid marriage in the State of Florida.
11.03	Discuss aspects of a dissolution of marriage, including; dissolution, child custody, child support, alimony, property rights, and modification of these items.
11.04	List the grounds needed to obtain a dissolution of marriage and an annulment of a marriage in Florida.
11.05	Discuss pre- and post- nuptial agreements.
12.0	Demonstrate knowledge of employability skills--The student will be able to:
12.01	Conduct a job search.
12.02	Secure information about a job.
12.03	Identify documents that may be required when applying for a job.

12.04	Complete a job application or resume.
12.05	List and discuss four rules of interviewing.
12.06	Demonstrate competence in job interview techniques.
12.07	Identify or demonstrate appropriate responses to criticism from employer, supervisor, or other persons.
12.08	Identify acceptable work habits.
12.09	Demonstrate knowledge of how to make job changes appropriately.
12.10	Demonstrate acceptable employee health habits.
13.0	Demonstrate an understanding of entrepreneurship--The student will be able to:
13.01	Define entrepreneurship.
13.02	Describe the importance of entrepreneurship to the American economy.
13.03	Identify the necessary personal characteristics of a successful entrepreneur.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Certificate Programs

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.). This AS degree program includes the following College Credit Certificates:

Standards for the above certificate programs are contained in separate curriculum frameworks.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.shtml>

Florida Department of Education
Curriculum Framework

Program Title: Criminal Justice Technology (60)
Career Cluster: Law, Public Safety & Security

AS	
CIP Number	1743010302
Program Type	College Credit
Standard Length	60 credit hours
CTSO	N/A
SOC Codes (all applicable)	33-1012 First Line Supervisors of Police and Detectives
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

This program prepares students to work in law enforcement, corrections, private/industry security, and other criminal justice, legal or public service related fields. The program prepares students to work as criminal justice practitioners/supervisors/managers in law enforcement agencies, correctional institutions, juvenile courts, crime laboratories, and mobile units dealing with physical evidence, etc. or to provide supplemental training for persons previously or currently employed in these occupations (SOC 33-1012). The program may also be beneficial to professionals seeking salary incentive benefits or career enhancement in the field.

This program does not prepare students for certification as correctional officers, law enforcement officers, correctional probation officers, or auxiliary law enforcement officers, regardless of the amount of degree work completed. A student must successfully complete a Criminal Justice Standards and Training Commission (CJSTC) Basic Recruit Program to become certified, pursuant to Chapter 943, Florida Statutes.

Program Structure

This program is a planned sequence of instruction consisting of 60 credit hours. Content includes, but is not limited to, law enforcement and investigative activities; the handling and care of incarcerated individuals; procedures for initial and post contact with the public in such matters as

obtaining and relating information; developing critical thinking and decision making processes; preparing reports, techniques for collection, preparation and transportation of physical evidence; methods of crime prevention; and methods for investigation, counseling and referral of neglected/dependent children, delinquents and youthful offenders.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Describe and discuss the criminal justice system.
- 02.0 Describe and discuss the principles of criminology.
- 03.0 Identify criminal investigation procedure.
- 04.0 Describe and discuss juvenile delinquency.
- 05.0 Summarize law enforcement administration.
- 06.0 Describe and discuss the field of law enforcement.
- 07.0 Describe and discuss the field of corrections.
- 08.0 Describe and discuss the field of criminal law.
- 09.0 Explain the US Court System and its relation to the rules of evidence.
- 10.0 Demonstrate employability skills.
- 11.0 Identify issues relating to human diversity in the criminal justice system.

Florida Department of Education
Student Performance Standards

Program Title: Criminal Justice Technology (60)
 CIP Numbers: 1743010302
 Program Length: 60 credit hours
 SOC Code(s): 33-1012

The AS degree requires the inclusion of a minimum of 15 credits of general education coursework according to SACS, and it must be transferable according to Rule 6A-14.030 (2), F.A.C. At the completion of this program, the student will be able to:

01.0	Describe and discuss the criminal justice system--The student will be able to:
01.01	Define the primary components of criminal justice and their primary responsibilities.
01.02	Identify problems that keep the system from functioning effectively and efficiently.
01.03	Explain the function and procedure of the federal Uniform Crime Reporting (UCR) Program.
01.04	Contrast present day criminal justice traditions and practices with their historical precedents and beginnings.
01.05	List the procedures an offender undergoes in his/her progression through the system.
01.06	Define and evaluate the present day value of the Peelian Principles.
01.07	Identify courtroom procedures.
01.08	Discuss the implications of the US constitutional and Supreme Court decisions on the criminal justice system.
02.0	Describe and discuss the principles of criminology--The student will be able to:
02.01	Discuss the criminal justice system through the processes of detection, apprehension, prosecution and corrections.
02.02	Summarize the major theoretical factors and forces assumed to cause crime.
02.03	Identify the impact of crime on persons and property.
02.04	Discuss the extent of crime in the United States.
02.05	Discuss the concept of victimless crimes.
02.06	Discuss the ramifications of violent crimes, the career criminal and organized crime.
02.07	Identify elements of deviant and abnormal behavior.

03.0	Identify criminal investigation procedures--The student will be able to:
03.01	Explain investigative techniques used in solving crimes.
03.02	Explain general criminal laboratory techniques.
03.03	Explain the necessity for and the methods of marking and preserving evidence.
03.04	Discuss the necessity for and importance of crime scene protection.
03.05	Discuss the importance of evidence to court proceedings following arrest.
03.06	Identify various types of investigative technology.
03.07	Describe the steps of a preliminary investigation.
03.08	Demonstrate ability to draw a simple crime scene sketch.
03.09	Discuss principles of proper interrogation techniques.
03.10	Explain the importance of police records to the investigative process.
04.0	Describe and discuss juvenile delinquency--The student will be able to:
04.01	Define juvenile delinquency.
04.02	Explain the proceedings of the juvenile court system.
04.03	Compare the advantages and disadvantages of juvenile incarceration.
04.04	Identify some of the major causes of juvenile delinquency.
04.05	Identify the problem areas that have an influence upon juvenile delinquency between peers, parents and school.
04.06	Discuss the relevance and dynamics of gangs as they relate to juvenile delinquency.
04.07	Discuss the importance of the public school system relative to the detection and prevention of juvenile delinquency.
04.08	Describe juvenile rehabilitative programs.
05.0	Summarize law enforcement administration--The student will be able to:
05.01	Appraise the impact of national patrol studies.
05.02	Compare and contrast the various organizational structures of law enforcement agencies.
05.03	Give examples of different departmental recruiting techniques.

05.04	Define the general principles of allocation and deployment of patrol resources.
05.05	Explain the concepts of criminal investigation management and supervision of cases.
05.06	Discuss the importance of specialized units.
05.07	Identify crime prevention techniques.
05.08	Discuss the various technologies utilized by law enforcement agencies.
06.0	Describe and discuss the field of law enforcement. --The student will be able to:
06.01	Identify proper procedures for responding to media inquiries.
06.02	Appraise the value of making presentations to citizen groups.
06.03	Demonstrate effective oral communication techniques.
06.04	Prepare an effective written report.
06.05	Compare and contrast the various types of patrol techniques.
06.06	Explain the importance of establishing good rapport with citizens.
06.07	Differentiate between the generalist and specialist concepts of law enforcement activities.
07.0	Describe and discuss the field of corrections--The student will be able to:
07.01	Discuss the history and evolution of corrections.
07.02	Discuss the philosophies of incarceration.
07.03	Discuss major problems facing contemporary corrections.
07.04	Identify the major differences between juvenile and adult institutionalization.
07.05	Contrast the early Auburn and Philadelphia style of prison construction with modern day practices.
07.06	Discuss the advantages and disadvantages of career and technical education within an institutional setting.
07.07	Identify contemporary sentencing guidelines.
07.08	Define the concept of community based corrections.
07.09	Define and contrast the concepts of probation and parole.
07.10	Identify the advantages of work release and pre-release programs.

07.11	Discuss the problems associated with probation caseloads.
07.12	Explain the concept of contracting for correctional services.
07.13	Identify important historical progressions in the origins of probation and parole.
07.14	Define the general categories of treatment services.
07.15	Explain the various roles of psychologists, psychiatrists, and sociologists in corrections.
07.16	Explain the different models for the rehabilitation of offenders; such as educational, vocational and therapeutic.
07.17	Explain the inmate classification process.
07.18	Explain how the classification process can frequently intensify conflict between treatment and security goals.
07.19	Discuss group and individual counseling of the offender.
07.20	Identify types of community resources that are available for offender treatment services.
08.0	Describe and discuss the field of criminal law--The student will be able to:
08.01	Explain how burden of proof relates to a criminal proceeding.
08.02	Define and contrast civil and criminal proceedings.
08.03	Identify the difference between procedural and substantive due process.
08.04	Explain the legacy of English common law and its relationship to modern jurisprudence.
08.05	Identify the legal elements of crimes.
08.06	Discuss the implications of constitutional, case and statutory law and their relationship to the criminal justice system.
08.07	Discuss legal defenses in criminal law.
08.08	Discuss the Bill of Rights of the U.S. Constitution.
08.09	Give an example of an ex post facto law.
09.0	Explain the US Court System and its relation to the rules of evidence.-- The student will be able to:
09.01	State the purpose of evidence.
09.02	Name and describe types of evidence.
09.03	Define admissibility of evidence.

09.04	Define sufficiency of evidence.
09.05	Discuss the legal procedures for securing admissions and confessions.
09.06	Describe the general process and handling of all evidence from time of discovery through disposition.
09.07	Describe the nature, purpose and legal framework of privileged information regarding evidence.
10.0	Demonstrate employability skills--The student will be able to:
10.01	Conduct a job search.
10.02	Secure information about a job.
10.03	Identify documents that may be required when applying for a job.
10.04	Complete a job application.
10.05	Demonstrate competence in job interview techniques.
10.06	Identify or demonstrate appropriate responses to criticism from employer, supervisor or other persons.
10.07	Identify acceptable work habits.
10.08	Demonstrate knowledge of how to make job changes appropriately.
10.09	Demonstrate acceptable employee health habits.
11.0	Identify the issues relating to human diversity in the criminal justice system--The student will be able to:
11.01	List the purposes of a structured public/human relations program within a criminal justice agency.
11.02	Identify and describe community relations programs.
11.03	Identify impediments to a successful minority recruitment program.
11.04	Identify major cultural, ethnic and human differences that exist in society.
11.05	Discuss examples of prejudice, discrimination and racism.
11.06	Discuss the psychological concepts of motivation and basic human needs.
11.07	Discuss ethics as it relates to criminal justice.
11.08	Discuss the impact of internal and external controls on criminal justice professionals.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

Successful completion of the CJSTC basic recruit programs in law enforcement or corrections, and successful completion of the requisite State Officer Competency Examination, will guarantee a student the awarding of a minimum of 15 or 6 college credits, respectively, toward an AS degree in Criminal Justice Technology at all public Florida Community Colleges through the Florida Department of Education Statewide Articulation Agreement.

In accordance with Rule 6A-6.065 (FAC), Career and Technical instructional program, and the activities of such organizations are defined as part of this curriculum. For this program Criminal Justice Technology. Professional Association student membership is encouraged in the Academy of Criminal Justice Sciences, the American Criminal Justice Association or Lambda Alpha Epsilon (LAE).

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Certificate Programs

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.). This AS degree program includes the following College Credit Certificates:

Criminal Justice Technology Specialist (0743010304) 24 credit hours

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

**Florida Department of Education
Curriculum Framework**

Program Title: Crime Scene Technology
Career Cluster: Law, Public Safety & Security

AS

CIP Number	1743010600
Program Type	College Credit
Standard Length	60 credit hours
CTSO	N/A
SOC Codes (all applicable)	19-4092 Forensic Science Technicians
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to prepare students for employment in the field of criminalistics with a specialty in Crime Scene Technology. The student can be employed in, but is not limited to, positions of Crime Scene Technician, Crime Scene Photographer, Fingerprint Examiner and Classification Specialist, Crime Scene Lab Assistant, and Crime Scene Unit Supervisor. Crime Scene Technologists can be employed by state attorneys' offices, public defender offices, medical examiner offices, law firms and private industry, SOC Code 19-4092 (Forensic Science Technicians).

Program Structure

This program is a planned sequence of instruction consisting of 60 hours. This program is a planned sequence of instruction consisting of 60 credit hours. The content includes, but is not limited to, working knowledge of all basic tenets in crime scene technology that are encompassed in the phases of crime scene search, recording, evidence gathering, packaging of evidence and courtroom testifying. The purpose is to provide for the proper collection of crime scene evidence according to all legal dictates and to present in related courts.

Reinforcement of basic skills in English, mathematics, and science appropriate for the job preparatory programs is provided through vocational classroom instruction and applied laboratory procedures or practice. This program focuses on broad, transferable skills and stresses understanding

and demonstration of the following elements of the public service industry; planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues and health, safety and environmental issues.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Demonstrate knowledge of recording the crime scene and related evidence on film, disc and video.
- 02.0 Demonstrate knowledge of collection and development of evidence.
- 03.0 Demonstrate knowledge of fingerprint development and preservation.
- 04.0 Demonstrate knowledge of crime scene data gathering.
- 05.0 Demonstrate knowledge of mapping, measuring, and logging the crime scene.
- 06.0 Demonstrate knowledge of crime scene safety.
- 07.0 Demonstrate knowledge of crime scene report writing.
- 08.0 Demonstrate knowledge of courtroom testimony presentations.
- 09.0 Demonstrate knowledge and understanding of the criminal justice system.

Florida Department of Education
Student Performance Standards

Program Title: Crime Scene Technology
 CIP Numbers: 1743010600
 Program Length: 60 credit hours
 SOC Code(s): 19-4092

The AS degree requires the inclusion of a minimum of 15 credits of general education coursework according to SACS, and it must be transferable according to Rule 6A-14.030 (2), F.A.C. At the completion of this program, the student will be able to:

01.0	Demonstrate knowledge of recording the crime scene and related evidence on film, disc and video--The student will be able to:
01.01	Demonstrate ability to use manual, automatic and digital cameras.
01.02	Demonstrate knowledge, ability and skills in the use of the camera to document the crime scene and related evidentiary materials.
01.03	Demonstrate abilities and skills needed to use the video camera.
01.04	Demonstrate knowledge of written documentation procedures related to crime scene photography.
01.05	Demonstrate knowledge or process and procedures involved in a photo lab.
01.06	Demonstrate knowledge of specialized photo equipment used in crime scene labs.
01.07	Demonstrate ability to use different types of light sources used in evidence detection.
01.08	Demonstrate knowledge of principles and methodology involved in photographing unique crime scene and evidentiary materials.
02.0	Demonstrate knowledge of collection and development of evidence--The student will be able to:
02.01	Demonstrate knowledge of the methodology used in crime scene recording and classifying physical evidence.
02.02	Demonstrate abilities and skills needed in applying basic principles of crime scene investigation.
02.03	Develop an understanding of the concepts of crime scene procedures.
02.04	Demonstrate knowledge and skill in specialized crime scene procedures.
02.05	Demonstrate ability to prepare crime scene related documents.
02.06	Demonstrate ability to coordinate a crime scene investigation with other investigative personnel and agencies.
02.07	Demonstrate knowledge of the capabilities of a full-service crime lab.

02.08	Demonstrate knowledge of the chain of custody of evidence and submission protocols.
02.09	Demonstrate knowledge of appropriate comparison standards.
02.10	Demonstrate knowledge of the testing of biological evidence.
02.11	Demonstrate knowledge of the collection methods of biological evidence.
02.12	Demonstrate knowledge of the understanding of autopsy evidence collection.
02.13	Demonstrate ability to determine appropriate collection, preserving, marking and packaging methods of crime scene evidence.
03.0	Demonstrate knowledge of fingerprint development and preservation--The student will be able to:
03.01	Demonstrate knowledge of the techniques involved in the detection, enhancement and recovery of latent fingerprints.
03.02	Demonstrate appropriate application of processing techniques.
03.03	Demonstrate knowledge of the Henry Modified system of fingerprint classification.
03.04	Demonstrate ability to classify fingerprints using the Henry Modified system.
03.05	Demonstrate ability to roll standard prints.
04.0	Demonstrate knowledge of crime scene data gathering--The student will be able to:
04.01	Demonstrate ability to locate the crime scene.
04.02	Demonstrate knowledge of when to identify the items related to the crime.
04.03	Demonstrate knowledge of when to initiate investigative note taking.
04.04	Demonstrate ability to develop a plan of action for conducting the crime scene investigation.
04.05	Demonstrate ability to locate, identify, preserve and collect perishable items at the crime scene.
05.0	Demonstrate knowledge of mapping, measuring, and logging the crime scene--The student will be able to:
05.01	Demonstrate ability to search the crime scene and determine the method to map, measure and log the scene.
05.02	Demonstrate ability to sketch the crime scene.
05.03	Demonstrate ability to locate the evidence in crime scene reproductions by taking the appropriate measurements.
05.04	Demonstrate ability to prepare the final sketch for courtroom presentation.

06.0	Demonstrate knowledge of crime scene safety--The student will be able to:
06.01	Demonstrate knowledge of the potential health and safety hazards one could encounter at a crime scene.
06.02	Demonstrate skills and techniques to minimize risk to self and others at the crime scene.
06.03	Demonstrate knowledge of state and federal regulations regarding hazardous materials as related to crime scenes.
06.04	Demonstrate knowledge of emergency procedures involving personal risk in a crime scene situation.
06.05	Demonstrate knowledge of the understanding of safe and proper methods of handling biological evidence at a crime scene.
06.06	Demonstrate knowledge of the proper handling of weapons and related evidence.
06.07	Demonstrate knowledge of the kinds, and use, of protective equipment for crime scene processing.
07.0	Demonstrate knowledge of crime scene report writing--The student will be able to:
07.01	Demonstrate ability to write a report in accepted police/legal format.
07.02	Demonstrate knowledge of the ability to gather and organize data for the report.
07.03	Demonstrate ability to generate a report using a computer and dictation.
07.04	Demonstrate ability to proofread and edit a report.
07.05	Demonstrate knowledge of the use of proper spelling, grammar and punctuation.
08.0	Demonstrate knowledge of courtroom testimony presentations--The student will be able to:
08.01	Demonstrate the knowledge and skill needed in courtroom proceedings.
08.02	Demonstrate the knowledge and skill needed to develop visual aid materials for use in courtroom proceedings.
08.03	Demonstrate the understanding of effective listening techniques in order to answer a direct or cross-examination.
08.04	Demonstrate the knowledge and skills of preparing for courtroom testimony.
09.0	Demonstrate knowledge and understanding of the criminal justice system--The student will be able to:
09.01	Demonstrate knowledge of the philosophical and historical background of the American criminal justice system.
09.02	Demonstrate knowledge of the organization, operation and processes of the criminal justice system components: police, courts and corrections.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Certificate Programs

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.). This AS degree program includes the following College Credit Certificates:

Crime Scene Technician (0743010601) - 28 credit hours
Gang-related Investigations (0743010705) - 24 credit hours

Standards for the above certificate programs are contained in separate curriculum frameworks.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Security Management and Administration (60)
Career Cluster: Law, Public Safety & Security

AS	
CIP Number	1743011202
Program Type	College Credit
Standard Length	60 credit hours
CTSO	N/A
SOC Codes (all applicable)	33-9031 Gaming Surveillance Officers and Gaming Investigators; Transportation Security Screener 33-9093 33-9032 Security Guards; 11-9199 Security Managers; 33 -1099 First-Line Supervisors of Protective Service Workers, All Other
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to prepare students for careers for a variety of positions in the security field including Homeland Security, Transportation and Security Officer, Security Investigator, Security Consultant, Security Auditor, Security Supervisor, Security Administrator and Security Director.

Students will development an understanding of the security role in society through the identification of prevention-oriented goals as set forth by the basic role which security has within society. A student must successfully demonstrate ability in carrying out security functions, responsibilities and duties.

Program Structure

This program is a planned sequence of instruction consisting of 60 credit hours.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Understand the purpose of crime prevention and analysis.
- 02.0 Comprehend the methods and data sources for crime analysis.
- 03.0 Acquire knowledge of place-specific crime theories.
- 04.0 Understand and address rational choice and opportunity theories of crime.
- 05.0 Understand the routine activities of environmental criminology.
- 06.0 Comprehend the outcomes of crime prevention including displacement and diffusion of benefits.
- 07.0 Understand the importance of developing, implementing, and evaluating crime prevention programs.
- 08.0 Demonstrate an understanding of the major historical events and the evolution of private security and loss prevention.
- 09.0 Demonstrate an understanding of the issues involved in private security and loss prevention.
- 10.0 Demonstrate an understanding of the career fields of specialized security and loss prevention.
- 11.0 Demonstrate an understanding of the legal aspects of both security and loss prevention.
- 12.0 Compare and Contrast the main functions of the Criminal Justice System vs the main functions of Security and Loss Prevention
- 13.0 Demonstrate an understanding of the challenges and societal factors governing the field of security and loss prevention.
- 14.0 Demonstrate an understanding of the history and development of commercial security.
- 15.0 Demonstrate an Understanding of the Management and Administration of Law Enforcement and Security Operations
- 16.0 Demonstrate an understanding of how to develop, implement and evaluate an effective shoplifting and theft prevention program.
- 17.0 Understand and recognize types of internal crimes.
- 18.0 Demonstrate an understanding of the nature and control of vendor and cargo theft.
- 19.0 Understand and recognize types of retail crime.
- 20.0 Demonstrate an understanding of how to design risk management programs in commercial settings.
- 21.0 Demonstrate an understanding of the definition of criminal and civil law.
- 22.0 Demonstrate an understanding of the principles of criminal law.
- 23.0 Demonstrate an understanding of the principles of search and seizure.
- 24.0 Demonstrate an understanding of the issues involved in Evidence and the Rules of Evidence in Criminal Justice, and Private Security, and Interrogation
- 25.0 Demonstrate an understanding of the legal issues associated with drug testing and polygraph testing.
- 26.0 Demonstrate an understanding of the legal issues involved in surveillance.
- 27.0 Demonstrate an understanding of the legal and ethical issues of security.
- 28.0 Demonstrate an understanding of the history of the Constitution.
- 29.0 Demonstrate an understanding of criminal law and procedures in relation to private security.
- 30.0 Demonstrate an understanding of the legal concept of public and private arrest procedures.
- 31.0 Demonstrate an understanding of the laws of search and seizure within security work.
- 32.0 Demonstrate an Understanding of the Fundamentals of Criminal and Private investigations, the Legal Limitations, and the Levels of Authority
- 33.0 Demonstrate an understanding of constitutional issues concerning interview, investigation, background checks, and surveillance.
- 34.0 Demonstrate an understanding of pertinent criminal and civil private security case studies and understand the preparation of court cases for effective testimony.
- 35.0 Demonstrate an understanding of the philosophy, purpose, definitions, and commonly used terms in the interview and interrogation process.
- 36.0 Demonstrate an understanding of the written techniques and processing of complaints, complainants, witnesses, and related information.

- 37.0 Demonstrate an understanding of the importance of the legal aspects of interview and interrogation.
- 38.0 Demonstrate an understanding of how to prepare for an interview and an interrogation.
- 39.0 Demonstrate an understanding of the behavioral aspects of the interview and interrogation process.
- 40.0 Demonstrate an understanding of the process of conducting an interview and an interrogation.
- 41.0 Demonstrate an understanding of case studies through the use of scenarios.
- 42.0 Demonstrate an understanding of the history and evolution of investigations in the private sector.
- 43.0 Demonstrate an understanding of the qualities and skills necessary to become a successful investigator.
- 44.0 Demonstrate an understanding of the role and day-to-day operations of modern day investigators in the private sector.
- 45.0 Demonstrate an understanding of the differences between public and private investigations.
- 46.0 Demonstrate an understanding of the sources of information available to an investigator for the purpose of conducting an investigation.
- 47.0 Demonstrate an understanding of the importance of ethics in investigations in the private sector.
- 48.0 Demonstrate an understanding of managing the business concepts of private investigations.
- 49.0 Comprehend the fundamentals of problem solving logic within the field of security.
- 50.0 Understand the principles and process of risk assessment as a tool in problem solving.
- 51.0 Comprehend the key technological resources incorporated in the problem solving process.
- 52.0 Learn the important resources utilized in the problem solving approach to personnel management.
- 53.0 Understand the issues involved with problem solving in retail and residential settings.
- 54.0 Comprehend the problem solving issues in foot traffic and public access venues surrounding facility management.
- 55.0 Understand the relevant problem solving techniques involved in computer security.
- 56.0 Understand loss prevention fundamentals.
- 57.0 Comprehend the Importance of Effective Working Relationships, Communication, and Pre-Employment in the Criminal Justice and the Loss Prevention Field
- 58.0 Understand the skills necessary to identify internal and external vulnerabilities for the purpose of developing effective loss prevention programs.
- 59.0 Learn the basic techniques for investigation including methods for obtaining security services and equipment.
- 60.0 Understand the handling of fire and other safety related events.
- 61.0 Comprehend the relationship of risk management and loss prevention.
- 62.0 Comprehend Human Diversity and Environmental Challenges for Public and Private Security

Florida Department of Education
 Student Performance Standards

Program Title: Security Management and Administration
 CIP Numbers: 1743011202
 Program Length: 60 credit hours
 SOC Code(s): 33-1099, 33-9032, 33-90331, 33-9093, 11-9199

The AS degree requires the inclusion of a minimum of 15 credits of general education coursework according to SACS, and it must be transferable according to Rule 6A-14.030 (2), F.A.C. At the completion of this program, the student will be able to:

01.0	Understand the purpose of crime prevention and analysis--The student will be able to:
01.01	Discuss the importance of crime prevention in commercial profitability.
01.02	Discuss the utility and cost benefit of crime prevention schemes.
01.03	List the justifications for crime prevention expenditures.
01.04	Describe the importance of crime analysis in terms of evaluating crime prevention efforts.
01.05	Explain the relationship between crime prevention and analytic techniques for liability reduction.
02.0	Comprehend the methods and data sources for crime analysis--The student will be able to:
02.01	Explain the importance of maintaining incident based databases.
02.02	Explain the process of acquiring public data on crime incidents.
02.03	List the geographic scales of data compilation.
02.04	Explain the utility of calls for service data.
02.05	Describe the purpose and use of the Uniform Crime Report (UCR) and National Incident Based Reporting System (NIBRS) data sources.
02.06	Describe the relative utility and proper usage of official and user collected data in determining vulnerabilities and effectiveness of crime prevention efforts.
02.07	Define units of analysis, validity, and reliability.
02.08	Discuss the research design in security analysis.
02.09	Discuss the generalization of findings.
02.10	List the basic statistical inferences in security research.

03.0	Acquire knowledge of place-specific crime theories--The student will be able to:
03.01	Describe the influence of place on criminal opportunity.
03.02	Explain the variable impact of place on crime.
03.03	Explain the facility functions which promote the dissuading of crime.
03.04	Describe the concepts of natural surveillance, formal surveillance, site control, and place management.
03.05	Explain the influences on prevention efforts and the resulting availability of analytic tools.
04.0	Understand and address rational choice and opportunity theories of crime--The student will be able to:
04.01	Describe how rational choices affect target selection.
04.02	Describe risks, rewards and efforts in terms of the offender.
04.03	Explain how criminal opportunities are blocked.
04.04	Describe how opportunity-based theories differ from offender-based theories.
04.05	Describe the relationship between security efforts and target hardening.
05.0	Understand the routine activities of environmental criminology--The student will be able to:
05.01	Discuss the crime triangle including the motivated offender, suitable target, and lack of capable guardian.
05.02	Describe how legitimate human activity influences illegitimate activity.
05.03	Discuss the tenets of environmental criminology.
05.04	Describe facilities, nodes and boundaries as a predictor of crime frequency.
06.0	Comprehend the outcomes of crime prevention including displacement and diffusion of benefits--The student will be able to:
06.01	Define elements of displacement.
06.02	Describe the temporal and geographic displacement.
06.03	Discuss how displacement affects discrete security efforts.
06.04	Define how diffusion of benefits works as a concept.
06.05	Describe the positive elements of diffusion in crime prevention program.
07.0	Understand the importance of developing, implementing, and evaluating crime prevention programs--The student will be able to:

07.01	List historical efforts at crime prevention.
07.02	Define social programming, physical planning, and crime prevention.
07.03	List elements of Crime Prevention Through Environmental Design (CPTED).
07.04	Describe how manipulation of the physical environment can prevent crime.
07.05	Discuss issues in residential settings.
07.06	Describe common approaches to commercial crime prevention.
07.07	Describe issues related to special event planning and crime prevention.
07.08	Discuss crime prevention efforts at schools, office buildings, banks, financial institutions, visitor centers, bars, night clubs, and restaurants.
07.09	Describe community-based crime prevention models.
07.10	List education, recreation, occupational programs.
07.11	Develop a plan for crime prevention with public and private operatives.
08.0	Demonstrate an understanding of the major historical events and the evolution of private security and loss prevention--The student will be able to:
08.01	Explain the definition of security and also loss prevention.
08.02	Examine the origins and development of security and loss prevention.
08.03	Research key time periods, individuals and organizations instrumental to the study of security and loss prevention.
08.04	Complete review questions and definitions of terms used in security and loss prevention.
09.0	Demonstrate an understanding of the issues involved in private security and loss prevention--The student will be able to:
09.01	Identify the major differences between security, loss prevention, and law enforcement.
09.02	Examine the vast array of crime, security, and loss prevention problems faced by private corporations.
09.03	Review how public police and private security and loss prevention can work together.
09.04	Discuss the advantages and disadvantages of special police powers.
10.0	Demonstrate an understanding of the career fields of specialized security and loss prevention--The student will be able to:
10.01	Research growth trends in both private security and loss prevention.
10.02	Discuss employment opportunities with security and loss prevention professionals in various industries and specialties.

10.03	Conduct interviews with both security and loss prevention professionals.
10.04	Read case studies and job descriptions.
11.0	Demonstrate an understanding of the legal aspects of both security and loss prevention--The student will be able to:
11.01	Address the impact that the growth of litigation in security and loss prevention operations has on companies with security and loss prevention programs.
11.02	Read case histories and studies that effect security and loss prevention.
11.03	Define liability.
11.04	Review key factors in negligent security and loss prevention litigation.
11.05	Examine the duty to protect.
12.0	Compare and Contrast the main functions of the Criminal Justice System vs the main functions of Security and Loss Prevention --The student will be able to:
12.01	Define the primary components of criminal justice and their primary responsibilities.
12.02	Identify problems that keep the system from functioning effectively and efficiently.
12.03	Explain the connection of tangible objects (walls, fences, locks, building design, lighting, surveillance, alarm systems, and access control) with accidents, natural disasters, computer systems, data, and software.
12.04	Describe the ethics and integrity issues of human resources as they relate to the protection of organizations and employee rights.
12.05	Describe the ethics and integrity issues as they relate to the criminal justice system.
12.06	Discuss the elements of technical security including threats from electronic eavesdropping and computer hacking, development of risk assessments and security surveys as they relate to organizations and compare to the criminal justice system.
13.0	Demonstrate an understanding of the challenges and societal factors governing the field of security and loss prevention--The student will be able to:
13.01	Explain the different challenges placed on security and loss prevention by societal factors and the changing nature of workplace (crime trends, advances in technology, increased diversity, privatization of public services and globalization).
13.02	List the types of specialized education and learning experience necessary in security and loss prevention to maintain employment within the industry.
13.03	Discuss the multidimensional competencies needed in security and loss prevention such as asset protection expertise, administration and execution of loss control programs, visionary concepts as related to security and loss prevention, resourcefulness, and effective communication.
13.04	Describe the goals of security and loss prevention professionals to include negotiation skills and the ability to enhance the professional standing within the organizational structure of any organization.
13.05	Examine the indirect cost of economic crime and exploring external and internal industry threats.
14.0	Demonstrate an understanding of the history and development of commercial security--The student will be able to:

14.01	Describe the history of counterfeiting and its role in the rise of private security.
14.02	Discuss the role of industrial development in the development of security.
14.03	Explain how the mobility of the financial economy contributed to the rise of security.
14.04	Discuss how labor disputes, espionage, and industrial crime led to the growth and development of security.
14.05	Research recent trends in economic activities, the results of the 1968 Rand Report, and Hallcrest II (1990) in relation to the security industry.
15.0	Demonstrate an Understanding of the Management and Administration of Law Enforcement and Security Operations --The student will be able to:
15.01	Compare and contrast the various organizational structures of law enforcement agencies.
15.02	Identify crime prevention techniques.
15.03	Integrate the use of technology in the study of personnel management, planning, and operations. .
15.04	Describe access control, personnel clearance, and document control.
16.0	Demonstrate an understanding of how to develop, implement and evaluate an effective shoplifting and theft prevention program--The student will be able to:
16.01	Describe the different types of shoplifters such as amateurs, professionals, and thrill seekers.
16.02	Explain the methods of shoplifting such as concealment and price switching.
16.03	Discuss the shoplifting detection methods of surveillance, audits, and employee awareness.
16.04	Describe shoplifting prevention with the use of plainclothes officers, electronic surveillance, and electronic tagging.
16.05	Apply the methods of proper surveillance, apprehension, and detention of suspects.
16.06	Explain non-accusatory confrontation of suspects.
16.07	Establish the proper documentation of events.
17.0	Understand and recognize types of internal crimes--The student will be able to:
17.01	Describe merchandise thefts by employees such as under ringing, trash removal, and personal bags.
17.02	Explain cash thefts in the form of refund and layaway fraud.
17.03	Discuss embezzlement such as bank deposit rolling, check kiting, lapping, payroll fraud, and travel expense fraud.
17.04	Describe business abuse of graft, kickbacks, conflict of interest, inappropriate gifts, and bid-rigging.

17.05	Explain the use of proprietary information in trade secrets and business processes.
17.06	Discuss employee theft and shoplifting.
18.0	Demonstrate an understanding of the nature and control of vendor and cargo theft--The student will be able to:
18.01	Describe delivery shortages.
18.02	Explain freight overcharges.
18.03	Describe counterfeit or damaged good shipments.
18.04	Describe access control of delivery procedures in the separation of shipping and receiving areas.
18.05	Discuss secure shipping receivers.
19.0	Understand and recognize types of retail crime--The student will be able to:
19.01	Describe bad check detection.
19.02	Describe the basics of credit card fraud.
19.03	Discuss the issues involved with counterfeit currency.
19.04	Describe currency, container, and price switching.
19.05	Discuss refund fraud.
19.06	Describe quick change schemes and inventory shrinkage.
20.0	Demonstrate an understanding of how to design risk management programs in commercial settings--The student will be able to:
20.01	Describe the risk identification process.
20.02	Explain security layering.
20.03	Discuss the integration of physical, human resource, and information security systems.
20.04	Describe the loss prevention procedures and controls of deterrence, detection, and recovery.
20.05	Discuss employee training for loss prevention.
20.06	Research the purchase of technology for loss prevention.
20.07	Describe the development of a loss prevention master plan.
21.0	Demonstrate an understanding of the definition of criminal and civil law--The student will be able to:

21.01	Explain intent, presumption and entrapment.
21.02	Research the process and steps involved from arrest to trial.
21.03	Describe the legal issues in chain of command as it relates to evidence.
21.04	Explain the purpose of a trial, the elements and procedures involved, evidence collection, and trial preparation.
21.05	Describe writs and subpoenas.
21.06	Describe the legal ethics of security.
21.07	Explain due process and constitutional immunity.
21.08	Discuss the rules of fair employment practice.
22.0	Demonstrate an understanding of the principles of criminal law--The student will be able to:
22.01	Explain intent, presumption and entrapment.
22.02	Research the process and steps involved from arrest to trial.
22.03	Describe the legal issues in chain of command as it relates to evidence.
22.04	Explain the purpose of a trial, the elements and procedures involved, evidence collection, and trial preparation.
22.05	Describe writs and subpoenas.
22.06	Describe the legal ethics of security.
22.07	Explain due process and constitutional immunity.
22.08	Discuss the rules of fair employment practice.
23.0	Demonstrate an understanding of the principles of search and seizure--The student will be able to:
23.01	Delineate the restrictions on searches for public versus private operatives.
23.02	Describe the legal test of probable cause.
23.03	Explain the civil law limitations of search and seizure.
23.04	Explain the concept of consent.
23.05	Describe the limitations and legal aspects of searching employees.
24.0	Demonstrate an understanding of the issues involved in Evidence and the Rules of Evidence in Criminal Justice, and Private Security, and Interrogation --The student will be able to:

24.01	Describe the legal definition of reasonable suspicion.
24.02	Discuss the legal limitations of detaining and interrogating as it is related to employees and compare it to the detaining and interrogating suspect by law enforcement.
24.03	Discuss the legal limitations of detaining and interrogating employees.
24.04	Apply the legal definition of coercion in interrogation techniques.
24.05	Explain the notion of “qualified privilege” in mitigating slander suits by suspects.
24.06	Define probable cause.
24.07	Discuss the liability issues of use of force.
24.08	Describe liability issues dealing with the release of employment records.
24.09	Describe the nature, purpose and legal framework of privileged information regarding evidence.
25.0	Demonstrate an understanding of the legal issues associated with drug testing and polygraph testing--The student will be able to:
25.01	Discuss the legal issues surrounding employee drug testing.
25.02	Describe elements of the Drug Free Work Place Act of 1988.
25.03	List the proper procedures for the use of polygraphs for investigations.
25.04	Describe the elements of the Employee Polygraph Protection Act of 1988.
25.05	List the admissibility of polygraph tests in court proceedings.
26.0	Demonstrate an understanding of the legal issues involved in surveillance--The student will be able to:
26.01	Define when an observed individual has a reasonable right to privacy.
26.02	Read and discuss washroom surveillance and cases involving expectation of privacy.
26.03	Describe the legal issues of electronic “eavesdropping” and the differences in state and local laws.
26.04	Define proper management techniques for electronically compiled evidence.
26.05	Discuss the legal principles necessary to effectively prosecute employees.
27.0	Demonstrate an understanding of the legal and ethical issues of security--The student will be able to:
27.01	Describe the elements of assault and battery claims against private security.
27.02	List the principles of false arrest and imprisonment.

27.03	Discuss the legal definition of invasion of privacy.
27.04	Discuss the issue of vicarious liability in training and supervision of security personnel.
27.05	List and discuss the legal reasoning of “color of state law” cases.
27.06	Comprehend the issue of diversity in the work place.
28.0	Demonstrate an understanding of the history of the constitution--The student will be able to:
28.01	Discuss the history and purpose of the Constitution.
28.02	Identify the role and purpose of law in society.
28.03	Discuss the origin of modern criminal law in America.
28.04	List the commonly used terms associated with the Constitution.
28.05	Identify and list the important constitutional law cases that affect private security.
29.0	Demonstrate an understanding of criminal law and procedures in relation to private security--The student will be able to:
29.01	Identify private security powers and authority.
29.02	Research the Bill of Rights as it defines private security limitations.
29.03	Define tort, civil liability, criminal liability, habeas corpus, writs, and subpoena.
29.04	Define the right to privacy as interpreted by the fourth, fifth and sixth Amendments.
29.05	Identify the criminal law principles and definitions.
29.06	List the legal steps of arrest and trial.
30.0	Demonstrate an understanding of the legal concept of public and private arrest procedures--The student will be able to:
30.01	Research the requirements for a legal arrest and securing a warrant.
30.02	List the different types of arrests, public and private.
30.03	Define the arrest powers of a private citizen.
30.04	Research the alternatives to arrest.
30.05	Define the term detention by police.
31.0	Demonstrate an understanding of the laws of search and seizure within security work--The student will be able to:

31.01	Discuss the intent of the Fourth Amendment.
31.02	Define the laws of search and seizure for private security personnel.
31.03	Define plain view and consent searches.
32.0	Demonstrate an Understanding of the Fundamentals of Criminal and Private investigations, the Legal Limitations, and the Levels of Authority --The student will be able to:
32.01	Explain the private property rights of a business or private property owner.
32.02	Define the terms invitee and trespassing.
32.03	Research common liabilities encountered with police and private security investigations.
32.04	Explain investigative techniques used in solving crimes and identify the limit on investigations by private citizens.
32.05	Explain the necessity for, and the methods of marking and preserving evidence.
32.06	Identify various types of investigative technology.
33.0	Demonstrate an understanding of constitutional issues concerning interview, investigation, background checks, and surveillance--The student will be able to:
33.01	Define the legal term for interview and interrogation.
33.02	Explain the Miranda warning and the effect on police and private security.
33.03	Research permitted and prohibited tactics by police and private security.
33.04	Define a standard background employment check.
33.05	Research the legal methods employers may use to verify employee backgrounds.
33.06	List the legal procedures for an employment interview.
33.07	Explain the availability of public records for the purpose of employee background checks.
33.08	Explain the use of private and public surveillance.
33.09	List the types of commonly used surveillance by police and security agencies.
33.10	List the types of theft detection technologies and techniques used by private firms.
33.11	Define the term negligence as it might pertain to private security.
33.12	Examine the level of security that is due to tenants of multiple dwelling residences or hotels, stores, colleges, and restaurants.
33.13	Examine the role vicarious liability plays in privately owned businesses.

34.0	Demonstrate an understanding of pertinent criminal and civil private security case studies and understand the preparation of court cases for effective testimony--The student will be able to:
34.01	Research the steps necessary to prepare a civil or criminal case for court with the assistance of criminal justice personnel.
34.02	List the steps necessary for court testimony.
34.03	Review, discuss, and communicate in writing the private security related case studies presented in the class.
35.0	Demonstrate an understanding of the philosophy, purpose, definitions, and commonly used terms in the interview and interrogation process--The student will be able to:
35.01	Discuss the philosophy and purpose of the interview.
35.02	Discuss the philosophy and purpose of the interrogation.
35.03	Explain the investigative process.
35.04	List the definitions and commonly used terms in interviews and interrogations.
35.05	List the differences between the private and public processes.
36.0	Demonstrate an understanding of the written techniques and processing of complaints, complainants, witnesses, and related information--The student will be able to:
36.01	Define the types and uses of complaints.
36.02	Describe how to legally manage and document written and oral statements of complainants and witnesses during an interview or interrogation.
36.03	Research the different types of witnesses and complainants.
36.04	List the ten basic rules for interviewing witnesses and complainants.
36.05	Research how to take proper notes for an investigation, interview and interrogation.
37.0	Demonstrate an understanding of the importance of the legal aspects of interview and interrogation--The student will be able to:
37.01	Define the legal aspects of private and public interview and interrogation.
37.02	Explain the Miranda decision and the Miranda warning.
37.03	Research the relevant Constitutional Amendments.
37.04	Describe the warnings and approaches used in special situations including juveniles and persons under the influence.
37.05	Define a voluntary confession.
38.0	Demonstrate an understanding of how to prepare for an interview and an interrogation--The student will be able to:

38.01	Explain the elements of establishing the interview goals and selecting the interviewer.
38.02	Describe the selection of a location based on background information.
38.03	Explain the development of an interview strategy and establishing rapport in an interview or interrogation.
38.04	Describe the process of analyzing the facts and evidence.
39.0	Demonstrate an understanding of the behavioral aspects of the interview and interrogation process--The student will be able to:
39.01	Define common terms used in identifying behavior.
39.02	Describe guidelines for evaluation of behavior.
39.03	Discuss the interpretation of verbal and non-verbal behavior.
39.04	List and define the types of resistance.
39.05	Analyze the causes of denials.
39.06	Describe the environmental issues.
39.07	Describe the use of the polygraph.
39.08	Define the types of admission and confession.
39.09	List the twenty two guidelines for taking admissions and confessions.
39.10	Explain the process from admission to confession.
40.0	Demonstrate an understanding of the process of conducting an interview and an interrogation--The student will be able to:
40.01	Define the types of interviews and interrogations.
40.02	Explain the strategy of the interview including the setting of goals and the ten basic rules for interviewing.
40.03	Explain the establishment of rapport through the use of the environmental setting and personal communication skills.
40.04	Describe the approaches to conducting interviews and interrogations.
40.05	Practice the gathering of verbal and written statements.
40.06	Explain the skills necessary to the closing of an interview.
40.07	Explain the effects of an unsuccessful interview or interrogation.
41.0	Demonstrate an understanding of case studies through the use of scenarios--The student will be able to:

41.01	Research well-known case studies and legal decisions.
41.02	Practice interview techniques using well known case studies and scenarios.
41.03	Practice interrogation skills using well known case studies and scenarios.
42.0	Demonstrate an understanding of the history and evolution of investigations in the private sector--The student will be able to:
42.01	Review the history and evolution of investigations.
42.02	Research key organizations and individuals instrumental in investigations.
42.03	Complete essay questions and review exercises on investigation topics.
43.0	Demonstrate an understanding of the qualities and skills necessary to become a successful investigator--The student will be able to:
43.01	Define private and public investigations.
43.02	List the personal attributes of a successful investigator.
43.03	Discuss the purpose and effectiveness of an investigation.
43.04	Discuss the qualities and skills needed in investigations.
44.0	Demonstrate an understanding of the role and day-to-day operations of modern day investigators in the private sector--The student will be able to:
44.01	Conduct interviews with real-life investigators in the private sector.
44.02	Read case histories.
44.03	Research the private investigation industry.
44.04	Discuss the basic questions in an investigation.
45.0	Demonstrate an understanding of the differences between public and private investigations--The student will be able to:
45.01	Discuss the difference between civil and criminal cases and investigations.
45.02	Examine the methods of operation conducted by private investigators.
45.03	List the major differences between the public and private sector.
45.04	Explore the types of public investigations in the United States.
45.05	Explain the main objective of a public investigation and the objectives of private investigations.
46.0	Demonstrate an understanding of the sources of information available to an investigator for the purpose of conducting an investigation--The student will be able to:

46.01	Discuss the people and organizations that can be used as sources of information for the investigator.
46.02	Research the public records at the local, state, and federal levels which can assist in conducting an investigation.
46.03	Examine the constitutional and legal limitations regarding sources of information.
46.04	Explain how the internet can be utilized as an investigative tool.
47.0	Demonstrate an understanding of the importance of ethics in investigations in the private sector--The student will be able to:
47.01	Discuss the ethical obligations of an investigator in the private sector.
47.02	Review the code of ethics from organizations.
47.03	List issues relating to ethics.
47.04	Discuss scenarios relating to ethical behavior.
48.0	Demonstrate an understanding of managing the business concepts of private investigations--The student will be able to:
48.01	Discuss the types of business concepts within the investigation industry.
48.02	Discuss the financial potential of the investigative specialties and occupations.
48.03	Research the licensing requirements for each state.
48.04	Explain assignments performed by investigators in the private sector.
49.0	Comprehend the fundamentals of problem solving logic within the field of security--The student will be able to:
49.01	Describe the origin of problem solving logic.
49.02	Discuss the work of Herman Goldstein as it relates to problem solving.
49.03	Explain the SARA (Scanning, Analysis, Response, and Assessment) model of problem solving.
50.0	Understand the principles and process of risk assessment as a tool in problem solving--The student will be able to:
50.01	Describe the origin and principles of risk assessment.
50.02	Research the methods of loss prevention survey.
50.03	Discuss the systems approach to risk assessment.
50.04	Describe the link between problem solving and risk assessment.
51.0	Comprehend the key technological resources incorporated in the problem solving process--The student will be able to:

51.01	Discuss the utilization of crime statistics in problem identification.
51.02	Describe the role of Geographic Information Systems (GIS) in problem solving.
51.03	Explore the application of cameras in problem solving.
51.04	Explain the relevance of facial identification software as a technological resource.
51.05	Explain the technological advantage of access software, badge systems, magnetometers, and x-ray machines for security.
52.0	Learn the important resources utilized in the problem solving approach to personnel management--The student will be able to:
52.01	Describe the role and function of federal, state, county, and local agencies specifically in the interaction of security with personnel departments.
52.02	Research the relationship of community groups with security individuals and agencies.
52.03	Explain the role the media may play in the problem solving process.
52.04	Describe problem solving issues involved with employee screening and training.
52.05	Research the application of problem solving processes to management issues.
52.06	Reducing workplace violence through problem solving.
53.0	Understand the issues involved with problem solving in retail and residential settings--The student will be able to:
53.01	Discuss the role of the problem solving process in the areas of shoplifting prevention and employee theft.
53.02	Evaluate the protection of stored assets through problem solving techniques.
53.03	Explain the process of problem solving in the protection of cargo or assets in transit.
53.04	Describe the problem solving process in the security management of apartment and rental settings, gated and housing communities, and in neighborhoods.
53.05	Discuss the process of target selection by residential burglar.
53.06	Discuss problem solving through target hardening in residential areas.
54.0	Comprehend the problem solving issues in foot traffic and public access venues surrounding facility management--The student will be able to:
54.01	Explain the problem solving process for security issues in areas with common or public access.
54.02	Explain the problem solving issues for security in areas of construction, business districts, malls, parking garages, factories, financial institutions, educational settings, and healthcare facilities.
54.03	Use scenarios to enhance and practice problem solving skills.

54.04	Research facility entry protection using a problem solving technique.
55.0	Understand the relevant problem solving techniques involved in computer security--The student will be able to:
55.01	Explain problem identification for computer security.
55.02	Describe communication safety for computer security.
55.03	Explain computer access control.
55.04	Describe problem solving scenarios in computer security.
56.0	Understand loss prevention fundamentals--The student will be able to:
56.01	Describe the definition and history of loss prevention.
56.02	Examine the current and future issues of the security industry.
56.03	Discuss the societal factors governing the loss prevention field.
57.0	Comprehend the Importance of Effective Working Relationships, Communication, and Pre-Employment in the Criminal Justice and the Loss Prevention Field --The student will be able to:
57.01	Study the legal requirements and essentials of an effective pre-employment screening policy and procedure
57.02	Develop an employee orientation program on loss prevention.
57.03	Demonstrate effective oral communication techniques.
58.0	Understand the skills necessary to identify internal and external vulnerabilities for the purpose of developing effective loss prevention programs--The student will be able to:
58.01	Examine the sources of internal and external loss.
58.02	Develop policies and procedures to prevent loss.
58.03	Develop physical and electronic controls to prevent loss.
59.0	Learn the basic techniques for investigation including methods for obtaining security services and equipment--The student will be able to:
59.01	Examine the options for obtaining security equipment and personnel.
59.02	Research the difference between purchasing and leasing with an emphasis on purchasing agreements.
59.03	Review the types of investigations and the legal ramifications of investigation activity.
59.04	Describe interview and interrogation methods.
59.05	Discover sources of information gathering, methods of conducting investigations, and the basis of accounting procedures

59.06	Review the importance of accurate report writing and courtroom testimony in successful investigations
60.0	Understand the handling of fire and other safety related events--The student will be able to:
60.01	Review the elements of a fire and prevention methodology.
60.02	Examine the potential disasters in a workplace with an emphasis on the study of prevention methods.
60.03	Review evacuation procedures and practices.
60.04	Research the federal Occupational Safety and Health Administration (OSHA) laws and procedures with an emphasis on the field of loss prevention.
61.0	Comprehend the relationship of risk management and loss prevention--The student will be able to:
61.01	Define the elements and scope of risk management.
61.02	Explain the five methods for handling identified risk.
61.03	Examine the importance of risk management to business insurance.
61.04	Develop a risk management program and committee.
61.05	Describe the risk management information systems available.
62.0	Comprehend Human Diversity and Environmental Challenges for Public and Private Security --The student will be able to:
62.01	Identify major cultural, ethnic and human differences that exist in society.
62.02	Discuss the psychological concepts of motivation and basic human needs
62.03	Discuss the impact of internal and external controls on criminal justice and private security professionals.
62.04	Discover societal factors impacting loss prevention.
62.05	Research the need for more education and training in the criminal justice and loss prevention profession.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Certificate Programs

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.). This AS degree program includes the following College Credit Certificates:

Homeland Security Professional (0743011202) 15 credits hours

Standards for the above certificate programs are contained in separate curriculum frameworks.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Computer Related Crime Investigation
Career Cluster: Law, Public Safety & Security

AS

CIP Number	1743011600
Program Type	College Credit
Standard Length	63 credit hours
CTSO	N/A
SOC Codes (all applicable)	15-1199 Computer Occupations, All Other
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to prepare students for careers in corporate computer security investigation or similar careers in law enforcement and crime laboratories as a Computer Related Crime Investigator, a Computer Forensics Specialist, and a Security Consultant or Security Auditor, SOC Code 15-1199, (Computer Occupations, All Other).

The program is designed to provide municipal, county, state, federal and corporate investigators in the latest techniques of modern computer crime investigation.

This program will provide the student with skills in researching, investigating, using computer software, interpreting laws, and using the internet as an investigative tool. The degree will prepare the student.

Students will learn how to effectively prepare search warrant documents leading to the seizure of a suspect’s computer and related media in both residential and business settings. Students will learn how to properly image and thoroughly examine a PC and related media for evidence relating to a criminal offense and how to present this evidence for prosecution. A student must successfully complete the required program core courses that will enable them to work in such career opportunities.

The content includes, but not limited to, the latest techniques in computer crime investigation, the proper procedure for preparing search warrant documents leading to the seizure of a suspect's computer and related media in both the residential and business settings. Properly image and thoroughly examine a PC and related media for evidence relating to criminal offenses and how to present this evidence for prosecution.

Program Structure

This program is a planned sequence of instruction consisting of 63 credit hours.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Understand the definition of a computer related crime.
- 02.0 Comprehend how a computer and the internet can be used to commit a crime.
- 03.0 Understand the principles of investigating a computer related crime.
- 04.0 Demonstrate the use of investigative software tools.
- 05.0 Understand the issues related to the jurisdiction of computer related crimes.
- 06.0 Know the location of websites that can be used as resources in the investigation of a computer related crime.
- 07.0 Comprehend the definition of acronyms and abbreviations that may apply to computer related crimes.
- 08.0 Understand internet protocol.
- 09.0 Understand the principles of internet newsgroups.
- 10.0 Understand the principles of internet chat rooms.
- 11.0 Understand the information contained in email message headers.
- 12.0 Know the location of websites that can be used as resources in tracking and learning the true identity of an individual on the internet.
- 13.0 Know how the internet can be used to solicit individuals to commit crimes.
- 14.0 Understand the definition and profile of hackers, pedophiles and internet stalkers.
- 15.0 Demonstrate how hackers, pedophiles and internet stalkers use computers and the internet to commit crimes.
- 16.0 Demonstrate the techniques and software tools that can be used to track and investigate hackers, pedophiles and internet stalkers.
- 17.0 Demonstrate the techniques and methods used by hackers, pedophiles and internet stalkers to commit crimes.
- 18.0 Know the location of websites that can be used as resources in the investigation of hackers, pedophiles and internet stalkers.
- 19.0 Understand the definition of internet pornography.
- 20.0 Understand how a computer can be used to commit an internet pornography crime.
- 21.0 Understand the issues related to the jurisdiction of computer related internet pornography investigations.
- 22.0 Know the principles of investigating an internet pornography crime.
- 23.0 Demonstrate investigative software applications that may be used to investigate internet pornography.
- 24.0 Know the location of websites that can be used as resources in the investigation of internet pornography.
- 25.0 Understand the definition of internet fraud crimes.
- 26.0 Demonstrate how a computer can be used to commit an internet fraud crime.
- 27.0 Understand the issues related to the laws and jurisdiction of internet fraud investigations.
- 28.0 Know the principles of investigating an internet fraud crime.
- 29.0 Demonstrate investigative software applications that may be used to investigate internet fraud crimes.

- 30.0 Know the location of websites that can be used as resources in the investigation of internet fraud crimes.
- 31.0 Understand the definition of acronyms, abbreviations and legal terms that may apply to computer related crimes.
- 32.0 Know the common elements of state statutes that apply to computer related crimes.
- 33.0 Know the elements of federal codes and rules that apply to computer related crimes.
- 34.0 Know the common elements of international laws, codes and legal rules that apply to computer related crimes.
- 35.0 Understand how intellectual property issues affect computer related crime investigations.
- 36.0 Understand the issues related to the jurisdiction of computer related crimes.
- 37.0 Know how to write search warrants involving computer related crimes.
- 38.0 Understand the definition of forensics as applied to computer related crimes.
- 39.0 Demonstrate how a computer can contain hidden data and how to preserve and locate the hidden data.
- 40.0 Understand the principles of preserving and processing a computer related crime scene.
- 41.0 Demonstrate computer forensic software tools.
- 42.0 Know the requirements of a search warrant in a computer related crime.
- 43.0 Know the location of web sites that can be used as resources in the forensic investigation of a computer related crime.
- 44.0 Know the definition of software piracy.
- 45.0 Know the definition of copyright infringement as related to electronic media.
- 46.0 Comprehend how a computer and the internet can be used to pirate computer software.
- 47.0 Learn how a computer and the internet can be used to violate copyrights
- 48.0 Understand the principles of investigating computer software piracy and copyright infringement cases.
- 49.0 Understand the issues related to the jurisdiction of computer software piracy and copyright infringement investigations.
- 50.0 Know the location of websites that can be used as resources in the investigation of computer software piracy and copyright infringement investigations.

Florida Department of Education
Student Performance Standards

Program Title: Computer Related Crime Investigation
CIP Numbers: 1743011600
Program Length: 63 credit hours
SOC Code(s): 15-1199

The AS degree requires the inclusion of a minimum of 15 credits of general education coursework according to SACS, and it must be transferable according to Rule 6A-14.030 (2), F.A.C. At the completion of this program, the student will be able to:

01.0	Understand the definition of a computer related crime--The student will be able to:
01.01	Apply federal and state laws related to computer crime.
01.02	Explain the definition of a computer related crime.
01.03	Read case histories.
01.04	Discuss case histories of computer related crimes.
01.05	List crimes that can be committed with the use of a computer.
02.0	Demonstrate how a computer and the internet can be used to commit a crime--The student will be able to:
02.01	Research the methods used by individuals to commit computer related crimes.
02.02	Describe the methods used by individuals to commit computer related crimes.
02.03	Give examples of crimes that have been committed with the use of a computer.
02.04	Explain how the internet can be used to commit computer related crimes.
02.05	List the items required to commit a crime with a computer.
03.0	Understand the principles of investigating a computer related crime--The student will be able to:
03.01	Evaluate scenarios to determine if a computer related crime has occurred.
03.02	Determine which, if any, federal or state laws apply to scenarios provided.
03.03	Define electronic evidence.
03.04	Review standard procedures for the collection of evidence.

03.05	Explain the importance of collecting electronic evidence.
03.06	Describe the chain of custody.
03.07	Explore software tools used to retrieve hidden and deleted electronic data from computers and storage media.
03.08	Establish the true identity of individuals based upon fictitious Internet identifiers.
03.09	Track individuals on the internet.
04.0	Demonstrate the use of investigative software tools--The student will be able to:
04.01	Locate the sources of investigative software tools.
04.02	Explore the features of investigative software tools.
04.03	Use investigative software tools.
04.04	Locate investigative software tools on the internet.
04.05	List investigative software tools.
05.0	Understand the issues related to the jurisdiction of computer related crimes--The student will be able to:
05.01	Review laws and rules regarding jurisdiction.
05.02	Discuss state jurisdiction.
05.03	Discuss federal jurisdiction.
05.04	Discuss international jurisdiction.
05.05	Define the jurisdiction of various types of computer related crimes.
06.0	Know the location of websites that can be used as resources in the investigation of a computer related crime--The student will be able to:
06.01	Locate search engines on the internet.
06.02	Explore indexes of websites.
06.03	Download lists of sources of information.
06.04	Obtain access to secured sources of information on the internet.
07.0	Understand the definition of acronyms and abbreviations that may apply to computer related crimes--The student will be able to:

07.01	Research acronyms and abbreviations used on the internet.
07.02	Build a glossary with definitions of acronyms and abbreviations that may apply to computer related crimes.
07.03	Explain the definition of acronyms and abbreviations and that may apply to computer related crimes.
08.0	Understand internet protocol--The student will be able to:
08.01	Review Internet Protocol (IP) address formats used on the internet.
08.02	Explain the definition of Internet Services Providers (ISP).
08.03	Discuss the methods used to route email across the internet.
08.04	Describe the path that information may travel across the internet.
08.05	List methods used by ISP's to route information across the internet.
09.0	Understand the principles of internet newsgroups--The student will be able to:
09.01	Explain the definition of a newsgroup.
09.02	Locate software used to access newsgroups.
09.03	Use the internet and software applications to access newsgroups.
09.04	Review the procedures used by individuals on newsgroups.
09.05	Find newsgroups with illegal content.
09.06	Describe the methods used to locate and preserve data on a newsgroup.
09.07	Give examples of methods used to conceal data in a newsgroup.
09.08	Use software tools to find and preserve data in newsgroups.
09.09	List software tools that may be used to locate and preserve data in a newsgroup.
10.0	Understand the principles of internet chat rooms--The student will be able to:
10.01	Explain the definition of a chat room.
10.02	Locate software used to access chat rooms.
10.03	Use the internet and software to access chat rooms.

10.04	Review the procedures used by individuals on chat rooms.
10.05	Find chat rooms with illegal content.
10.06	Give examples of methods used by pedophiles in chat rooms.
10.07	Describe the methods used to locate and preserve data in a chat room.
10.08	Use software tools to find and preserve data in chat rooms.
11.0	Understand the information contained in email message headers--The student will be able to:
11.01	Define an email message header.
11.02	Review email message headers.
11.03	Determine the identity of an individual using the email message header.
11.04	Use websites to determine the sender of an email message.
12.0	Know the location of websites that can be used as resources in tracking and learning the true identity of an individual on the internet--The student will be able to:
12.01	Locate websites used to track email addresses.
12.02	Explore websites used to locate the registered owners of websites.
12.03	Use internet search engines to locate internet identifiers.
13.0	Know how the internet can be used to solicit individuals to commit crimes--The student will be able to:
13.01	Review case histories.
13.02	Obtain an anonymous identity on the internet.
13.03	Send and receive anonymous email on the internet.
13.04	Communicate in chat rooms on the internet.
13.05	Communicate in newsgroups on the internet.
14.0	Understand the definition and profile of hackers, pedophiles and internet stalkers--The student will be able to:
14.01	Research case histories of crimes committed by hackers, pedophiles and internet stalkers.
14.02	List crimes committed by hackers, pedophiles and internet stalkers.

14.03	Explore websites that search for pedophiles and report their activity.
14.04	Read laws related to crimes that are committed by hackers, pedophiles and internet stalkers.
14.05	Examine profiles of hackers, pedophiles and internet stalkers.
14.06	Read messages posted by hackers, pedophiles and internet stalkers.
15.0	Demonstrate how hackers, pedophiles and internet stalkers use computers and the internet to commit crimes--The student will be able to:
15.01	Read news stories of crimes committed by hackers, pedophiles and internet stalkers.
15.02	Review software applications used by hackers, pedophiles and internet stalkers.
15.03	Research websites created by hackers, pedophiles and internet stalkers.
15.04	Examine newsgroups established by hackers, pedophiles and internet stalkers.
15.05	Create profiles of hackers, pedophiles and internet stalkers.
15.06	Explore procedures used by hackers, pedophiles and internet stalkers to hide their identity.
15.07	Review anonymous email services.
16.0	Demonstrate the techniques and software tools that can be used to track and investigate hackers, pedophiles and internet stalkers--The student will be able to:
16.01	Locate software applications used to track and investigate hackers, pedophiles and internet stalkers.
16.02	Download software applications used to track and investigate hackers, pedophiles and internet stalkers.
16.03	List the features of software applications used to track and investigate hackers, pedophiles and internet stalkers.
16.04	Use software applications used to track and investigate hackers, pedophiles and internet stalkers.
16.05	Explore websites that can be used to track and investigate hackers, pedophiles and internet stalkers.
16.06	Review techniques used by hackers, pedophiles and internet stalkers.
17.0	Demonstrate the techniques and methods used by hackers, pedophiles and internet stalkers to commit crimes--The student will be able to:
17.01	Obtain an anonymous identity on the internet.
17.02	Send and receive anonymous email on the internet.
17.03	Review case histories.

17.04	Communicate in chat rooms on the internet.
17.05	Communicate in newsgroups on the internet.
17.06	Read messages in newsgroups.
17.07	Post files in newsgroups.
17.08	Download files from newsgroups.
18.0	Know the location of websites that can be used as resources in the investigation of hackers, pedophiles and internet stalkers--The student will be able to:
18.01	Obtain access to secured sources of information on the internet.
18.02	Locate search engines on the internet.
18.03	Explore indexes of websites.
18.04	Download lists of sources of information.
18.05	List websites that search for pedophiles and report their activity.
19.0	Understand the definition of internet pornography--The student will be able to:
19.01	Apply federal and state laws related to internet pornography.
19.02	Explain the definition of an Internet pornography computer related crime.
19.03	Discuss case histories of major computer related internet pornography crimes.
19.04	List Internet pornography crimes that can be committed with the use of a computer.
20.0	Understand how a computer can be used to commit an internet pornography crime--The student will be able to:
20.01	Research the methods used by individuals to commit internet pornography crimes.
20.02	Describe the methods used by individuals to commit internet pornography crimes.
20.03	Give examples of internet pornography crimes that have been committed with the use of a computer.
20.04	Explain how the internet can be used to commit internet pornography crimes.
20.05	List the items required to commit an internet pornography crime with a computer.
21.0	Understand the issues related to the jurisdiction of computer related internet pornography investigations--The student will be able to:

21.01	Review laws and rules regarding internet pornography criminal acts.
21.02	Discuss state jurisdiction related to internet pornography investigations.
21.03	Discuss federal jurisdiction related to internet pornography investigations.
21.04	Discuss international jurisdiction related to internet pornography investigations.
21.05	Describe the affect of multiple jurisdictions in a computer related pornography investigation.
21.06	Read case histories.
22.0	Know the principles of investigating an internet pornography crime--The student will be able to:
22.01	Evaluate scenarios to determine if an Internet pornography computer related crime has occurred.
22.02	Determine which if any federal or state laws apply to scenarios provided.
22.03	Define electronic evidence in an Internet pornography crime.
22.04	Review standard procedures for the collection of electronic pornography evidence.
22.05	Explain the importance of collecting electronic evidence.
23.0	Demonstrate investigative software applications that may be used to investigate internet pornography--The student will be able to:
23.01	Locate sources of investigative software applications.
23.02	Explore the features of investigative software applications.
23.03	Download investigative software applications.
23.04	Use investigative software applications to investigate an internet pornography crime.
24.0	Know the location of websites that can be used as resources in the investigation of internet pornography--The student will be able to:
24.01	Locate websites on the Internet that provide assistance in internet pornography investigations.
24.02	Obtain access to secured sources of information regarding internet pornography investigations.
24.03	Locate law enforcement resources that are available to assist in internet pornography investigations.
24.04	Explore newsgroups related to internet pornography investigations.
25.0	Understand the definition of internet fraud crimes--The student will be able to:

25.01	Explain the definition of an internet fraud crime.
25.02	Apply federal and state laws related to internet fraud crimes.
25.03	Discuss case histories of major computer and internet fraud crimes.
25.04	Describe the effect of internet fraud on e-commerce.
25.05	List computer and internet fraud crimes that can be committed with the use of a computer and the internet.
26.0	Demonstrate how a computer can be used to commit an internet fraud crime--The student will be able to:
26.01	Research the methods used by individuals to commit internet fraud crimes.
26.02	Describe the methods used by individuals to commit internet fraud crimes.
26.03	Give examples of internet fraud crimes that have been committed.
26.04	Explain how the internet can be used to commit internet fraud crimes.
26.05	Read cases histories of internet fraud crimes.
26.06	Describe secure internet websites.
26.07	Explain how identity theft can be used to commit internet fraud crimes.
26.08	Describe how a persons' identity can be stolen on the internet.
26.09	List the elements of an internet fraud crime with a computer.
27.0	Understand the issues related to the laws and jurisdiction of internet fraud investigations--The student will be able to:
27.01	Evaluate scenarios to determine if an internet fraud crime has occurred.
27.02	Determine which, if any, federal or state laws apply to scenarios provided.
27.03	Define electronic evidence in an internet fraud crime.
27.04	Review standard procedures for the collection of computer or internet related evidence.
27.05	Explain the importance of collecting electronic evidence.
28.0	Know the principles of investigating an internet fraud crime--The student will be able to:
28.01	Research computer related internet fraud websites.

28.02	Review laws and rules regarding computer related internet fraud criminal acts.
28.03	Read case histories of computer related internet fraud investigations.
28.04	Discuss state jurisdiction related to computer related internet fraud investigations.
28.05	Discuss federal jurisdiction related to computer related internet fraud investigations.
28.06	Discuss international jurisdiction related to computer related internet fraud investigations.
29.0	Demonstrate investigative software applications that may be used to investigate internet fraud crimes--The student will be able to:
29.01	Locate sources of investigative software applications.
29.02	Explore the features of investigative software applications.
29.03	Download shareware copies of investigative software applications.
29.04	Use investigative software applications to investigate an internet fraud crime.
30.0	Know the location of websites that can be used as resources in the investigation of internet fraud crimes--The student will be able to:
30.01	Explore websites related to internet fraud crimes.
30.02	Obtain access to secured sources of information regarding computer related internet fraud investigations.
30.03	Locate law enforcement resources that are available to assist in computer related internet fraud investigations.
30.04	Explore newsgroups related to computer related internet fraud investigations.
31.0	Understand the definition of acronyms, abbreviations and legal terms that may apply to computer related crimes--The student will be able to:
31.01	Research acronyms and abbreviations used on the internet.
31.02	Locate legal terms that may apply to computer related crimes.
31.03	Build a glossary with definitions of acronyms, abbreviations and legal terms that may apply to computer related crimes.
31.04	Explain the definition of acronyms, abbreviations and legal terms that may apply to computer related crimes.
32.0	Know the common elements of state statutes that apply to computer related crimes--The student will be able to:
32.01	Review state statutes that apply to computer related crimes.
32.02	Research case histories of computer related crimes.

32.03	Define the elements of state statutes that apply to computer related crimes.
32.04	List the elements of state statutes that apply to computer related crimes.
32.05	Discuss the elements of state statutes that apply to computer related crimes.
32.06	Apply the elements of state statutes to computer related crimes.
32.07	Give examples of computer related crimes under state jurisdiction.
33.0	Know the elements of federal codes and rules that apply to computer related crimes--The student will be able to:
33.01	Review federal codes and rules that apply to computer related crimes.
33.02	Define the elements of federal codes and rules that apply to computer related crimes.
33.03	Research case histories of computer related crimes.
33.04	List the elements of federal codes and rules that apply to computer related crimes.
33.05	Discuss the elements of federal codes and rules that apply to computer related crimes.
33.06	Apply the elements of federal codes and rules to computer related crimes.
33.07	Give examples of computer related crimes under federal jurisdiction.
34.0	Know the common elements of international laws, codes and legal rules that apply to computer related crimes--The student will be able to:
34.01	Review international laws, codes and legal rules that apply to computer related crimes.
34.02	Define the elements of international laws, codes and legal rules that apply to computer related crimes.
34.03	List the elements of international laws, codes and legal rules that apply to computer related crimes.
34.04	Research case histories of computer related crimes.
34.05	Discuss the elements of international laws, codes and legal rules that apply to computer related crimes.
34.06	Apply the elements of federal codes and rules to computer related crimes.
34.07	Give examples of international computer related crimes.
35.0	Understand how intellectual property issues affect computer related crime investigations--The student will be able to:
35.01	Review the First Amendment to the United States Constitution.

35.02	Discuss violations of copyright laws on the internet.
35.03	Research violations of domain names and trademarks used on the internet.
35.04	Research violations of software and web site license agreements.
35.05	Explore how patent laws apply to the internet.
35.06	Review the licensing of multimedia on the internet.
35.07	Examine corporate policies on internet and email use.
36.0	Understand the issues related to the jurisdiction of computer related crimes--The student will be able to:
36.01	Review laws and rules regarding jurisdiction.
36.02	Define state jurisdiction as applied to computer related crimes.
36.03	Define federal jurisdiction as applied to computer related crimes.
36.04	Define international jurisdiction as applied to computer related crimes.
36.05	Discuss the issues involved with computer related crimes that span multiple jurisdictions.
37.0	Know how to write search warrants involving computer related crimes--The student will be able to:
37.01	Review the 4th Amendment (search and seizure) of the United States Constitution.
37.02	List the requirements to obtain a search warrant.
37.03	List the items that must be contained in a search warrant.
37.04	List the procedures for executing a search warrant.
37.05	List additional items that must be included in a search warrant obtained for computer related crimes.
37.06	Discuss issues with international, federal and state search warrants.
37.07	Write a search warrant for a computer related crime.
38.0	The definition of forensics as applied to computer related crimes--The student will be able to:
38.01	Apply federal and state laws to computer related crimes.
38.02	Explain the definition of forensic as applied to computer related crime.

38.03	Discuss the elements required in a computer related crime search warrant.
38.04	List the procedures that must be used to preserve computer evidence.
39.0	Demonstrate how a computer can contain hidden data and how to preserve and locate the hidden data--The student will be able to:
39.01	Research the methods used by individuals to hide data on a computer.
39.02	Describe the methods used by investigators to locate and preserve data on a computer.
39.03	Explain how data can be encrypted.
39.04	Define how a computer virus can affect data.
39.05	Give examples of methods used to conceal data on a computer.
39.06	Use software tools to find and preserve data on a computer.
39.07	Retrieve deleted data from a computer storage device.
39.08	List the software tools that may be used to locate data on a computer.
39.09	Outline the procedures used to preserve data retrieved from a computer.
39.10	Describe computer data storage devices.
39.11	Explain how passwords can be revealed.
40.0	Understand the principles of preserving and processing a computer related crime scene--The student will be able to:
40.01	Define electronic evidence.
40.02	Review the standard procedures for the collection of evidence.
40.03	Explain the importance of collecting electronic evidence.
40.04	Describe the chain of custody.
40.05	Explore software tools used to retrieve hidden and deleted electronic data from computers and storage media.
40.06	Process a computer related crime scene.
40.07	Inventory evidence at a computer crime scene.
41.0	Demonstrate computer forensic software tools--The student will be able to:

41.01	Locate the sources of computer forensic software tools.
41.02	Explore the features of computer forensic software tools.
41.03	Use computer forensic software tools.
42.0	Know the requirements of a search warrant in a computer related crime--The student will be able to:
42.01	Review laws regarding search warrants in a computer related crime.
42.02	Discuss state search warrants in a computer related crime.
42.03	Discuss federal search warrants in a computer related crime.
42.04	Define the elements required in a search warrant for a computer related crime.
43.0	Know the location of websites that can be used as resources in the forensic investigation of a computer related crime--The student will be able to:
43.01	Locate forensic software tools on the internet.
43.02	Obtain access to secured sources of information regarding forensic software and tools on the Internet.
43.03	Download lists of computer related forensic sources of information.
43.04	Download investigative software tools.
43.05	Explore newsgroups related to forensic software sources.
44.0	Know the definition of software piracy--The student will be able to:
44.01	Review software licenses agreements.
44.02	Research laws that apply to software piracy.
44.03	List methods used to pirate computer software.
44.04	Describe trade secrets.
44.05	Explain software patents.
44.06	Read case histories.
45.0	Know the definition of copyright infringement as related to electronic media--The student will be able to:
45.01	Explain the definition of intellectual property.

45.02	Review laws that apply to copyrights.
45.03	List electronic media that can be copyrighted.
45.04	List technology and tools used to violate copyrights.
45.05	Explain how the internet can be used to violate copyrights.
46.0	Demonstrate how a computer and the internet can be used to pirate computer software--The student will be able to:
46.01	Explore websites that allow visitors to download pirated computer software.
46.02	Research computer software piracy case histories.
46.03	Examine the technology used to create counterfeit computer software.
46.04	Explain how the internet can be used to pirate computer software.
46.05	List the most popular software applications that are pirated on the internet.
47.0	Demonstrate how a computer and the internet can be used to violate copyrights--The student will be able to:
47.01	Explore websites that provide tools used to violate copyrights.
47.02	Research copyright violation case histories.
47.03	Examine the technology and tools on the internet used to violate copyrights.
47.04	Explain how the internet can be used to violate copyrights.
48.0	Understand the principles of investigating computer software piracy and copyright infringement cases--The student will be able to:
48.01	Review laws and rules regarding computer software piracy and copyright infringement.
48.02	Read case histories of computer software piracy and copyright infringement.
48.03	Research websites related to computer software piracy and copyright infringement.
48.04	Discuss scenarios of computer software piracy and copyright infringement.
48.05	Write reports of computer software piracy and copyright infringement cases.
49.0	Understand the issues related to the jurisdiction of computer software piracy and copyright infringement investigations--The student will be able to:
49.01	Review laws and rules regarding jurisdiction.

49.02	Discuss state jurisdiction.
49.03	Discuss federal jurisdiction.
49.04	Discuss international jurisdiction.
49.05	Apply laws to scenarios involving computer software piracy and copyright infringement.
50.0	Know the location of websites that can be used as resources in the investigation of computer software piracy and copyright infringement investigations--The student will be able to:
50.01	Locate the sources of investigative software tools on the internet.
50.02	Explore the features of investigative software tools available on the internet.
50.03	Use investigative software tools.
50.04	Obtain access to secured sources of information on the internet.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Certificate Programs

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.). This AS degree program includes the following College Credit Certificates:

Standards for the above certificate programs are contained in separate curriculum frameworks.
Laboratory Activities

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Fire Science Technology (FESHE Model)
Career Cluster: Law, Public Safety and Security

AS

CIP Number	1743020100
Program Type	College Credit
Standard Length	60 credit hours
CTSO	N/A
SOC Codes (all applicable)	33-2021 Fire Inspectors and Investigators
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to prepare students for employment as fire inspectors and investigators (SOC 33-2021), fire science technicians, fire officers, fire safety inspectors, fire assistants, safety inspectors, building inspectors, fire insurance investigators/inspectors, fire fighters, or to provide supplemental training for persons previously or currently employed in these occupations.

This program does not prepare students for certification as fire fighters. A student must successfully complete the basic recruit program in fire fighting to become certified, pursuant to Chapter 633, Florida Statutes.

Student Performance Standards in this program have been adapted from the National Fire Protection Association Fire Fighter Professional Qualifications (NFPA 1001), Fire Officer Professional Qualifications (NFPA 1021), Professional Qualifications for Fire Inspector (NFPA 1031), and Fire Service Instructor Professional Qualifications (NFPA 1041).

Program Structure

This program is a planned sequence of instruction consisting of 60 credit hours.

This program is a planned sequence of instruction consisting of 60 credit hours.

The program provides seven optional specializations. Note that some specializations such as Officer II will require meeting the requirements of the specialization for Fire Officer I. Also, some students may have current certification for Fire Officer I which may provide the opportunity to seek the second specialization such as Fire Officer II.

This program is a planned sequence of instruction consisting of 60 hours of college credit to obtain an AS degree. In 2000, the Fire and Emergency Services Higher Education Consortium identified **six core associate-level courses** in their model curriculum, including:

- Building Construction for Fire Protection
- Fire Behavior and Combustion
- Fire Prevention
- Fire Protection Hydraulics and Water Supply
- Fire Protection Systems
- Principles of Emergency Services

In 2001, the National Fire Science Curriculum Committee (NFSCC) was formed to develop standard titles, descriptions, outcomes, and outlines for each of the standards.

The FESHE website states: “Fire science associate degree programs are encouraged to require these courses as the “theoretical core” on which their major is based. The course outlines address the need for a uniformity of curriculum and content among the fire science courses with the United States’ two-year programs.”

The NFSCC also developed similar outlines for other courses that are commonly offered in fire science programs. If a school offers any of these **standards**, it is suggested these outlines be adopted, as well. The standards are:

- Fire Administration I
- Occupational Health and Safety
- Legal Aspects of the Emergency Services
- Hazardous Materials Chemistry
- Strategy and Tactics
- Fire Investigation I
- Fire Investigation II

Additionally, the NFSCC associate’s group has developed additional new model course outlines to enable concentrations’ in two additional areas:

Fire Protection Engineering Concentration:

- Performance-Based Design Fire Protection
- Advanced Concepts in Structural Fire Protection Systems

- Human Behavior in Fire

Fire Prevention Concentration:

- Fire and Life Safety Education
- Plans Review
- Principles of Code Enforcement

Details of the Fire Protection Engineering and Fire Prevention concentrations may be found on the FESHE website http://www.usfa.dhs.gov/nfa/higher_ed/model/download.shtm.

Reinforcement of basic skills in English, mathematics, and science appropriate for the job preparatory programs is provided through vocational classroom instruction and applied laboratory procedures or practice. This program focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the public service industry; planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues and health, safety and environmental issues.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled.
- 02.0 Demonstrate an understanding of the components of building construction that relate to fire and life safety.
- 03.0 Understand the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationships of fire prevention with built-in fire protection systems, fire investigation, and fire and life-safety education.
- 04.0 Understand the principles of the use of water in fire protection and how to apply hydraulic principles to analyze and to solve water supply problems.
- 05.0 Describe the features of design and operation of fire alarm systems, water-based fire suppression systems, special hazard fire suppression systems, and water supply for fire protection and portable fire extinguishers.
- 06.0 Discuss fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection/service; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics, introduction to fire protection systems; and introduction to fire strategy and tactics.
- 07.0 Examine the organization and management of a fire department and the relationship of government agencies to the fire service.
- 08.0 Define risk evaluation and control procedures for fire stations, training sites, emergency vehicles, and emergency situations involving fire, EMS, hazardous materials, and technical rescue.
- 09.0 Discuss the federal, state, and local laws that regulate emergency services, national standards influencing emergency services, standard of care, tort, liability, and a review of court cases.
- 10.0 Analyze the principles of fire control through utilization of personnel, equipment, and extinguishing agents on the fire ground.
- 11.0 Identify the fundamentals and technical knowledge needed for proper fire scene interpretations, including recognizing and conducting origin and cause, preservation of evidence and documentation, scene security, motives of the fire setter, and types of fire causes.

- 12.0 Demonstrate advanced technical knowledge on rule of law, fire scene analysis, fire behavior, evidence collection and preservation, scene documentation, case preparation and testifying.
- 13.0 Comprehend basic chemistry relating to the categories of hazardous materials including problems of recognition, reactivity, and health encountered by firefighters.

Optional standards for programs specializing in Fire Officer I

- 14.0 Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled.
- 15.0 Demonstrate an understanding of the components of building construction that relate to fire and life safety.
- 16.0 Demonstrate knowledge of legal foundations for fire inspections.
- 17.0 Demonstrate knowledge of the fire inspection process.
- 18.0 Demonstrate knowledge of fire inspection practices as part of an overall fire prevention program.
- 19.0 Demonstrate knowledge of fire inspection report writing.
- 20.0 Demonstrate knowledge of complaint handling and code enforcement procedures.
- 21.0 Demonstrate knowledge of special occupancies.
- 22.0 Demonstrate knowledge of unsafe conditions, fire hazards, and fire loads.
- 23.0 Demonstrate knowledge of fire behavior.
- 24.0 Demonstrate knowledge of fire cause determination.
- 25.0 Demonstrate knowledge of proper storage of flammables and combustibles.
- 26.0 Demonstrate knowledge of proper storage of hazardous materials.
- 27.0 Demonstrate knowledge of classifications, controls, and applications of automatic sprinkler systems.
- 28.0 Demonstrate knowledge of inspection practices for fire protection systems.
- 29.0 Demonstrate knowledge of classifications, controls, and applications of portable fire extinguishers.
- 30.0 Demonstrate knowledge of water supply for sprinkler and standpipe systems.
- 31.0 Demonstrate knowledge of acceptance testing for fire protection systems.
- 32.0 Identify the appropriate certifications for fire extinguishers, hood systems, sprinkler systems, and alarm devices.
- 33.0 Define types of building classifications and constructions and construction types.
- 34.0 Define various loads and forces that affect buildings.
- 35.0 Demonstrate knowledge of various types of building construction and their effects of fire propagation, smoke generations and control.
- 36.0 Define the characteristics of various building materials, with particular regard to fire resistance.
- 37.0 Define the characteristics of various building types and occupancies, with particular regard to fire load and resistance.
- 38.0 Describe principles of fire resistance, fire growth, and behavior of fire in buildings.
- 39.0 Demonstrate knowledge of the incident management system.
- 40.0 Demonstrate advanced knowledge and ability to function in the incident management system.
- 41.0 Develop incident action plans for fire fighting scenarios.
- 42.0 Demonstrate knowledge of flashover and backdraft.
- 43.0 Demonstrate knowledge of various extinguishing agents.
- 44.0 Demonstrate knowledge of various methods of water application including solid stream, straight stream, and fog spray.
- 45.0 Demonstrate knowledge of the principles of fire fighting strategy and tactics.
- 46.0 Demonstrate knowledge of “ideal rate of flow”.
- 47.0 Demonstrate knowledge of the five main observable tactical considerations and the 15 points of size-up.

- 48.0 Demonstrate knowledge of fire situational analysis and its impact on firefighter safety.
- 49.0 Demonstrate knowledge of engine company and ladder company operations give a fireground scenario.
- 50.0 Demonstrate knowledge of proper position of apparatus.
- 51.0 Demonstrate knowledge of proper water source determination for delivery to the fire scene.
- 52.0 Demonstrate knowledge of the signs of building collapse.
- 53.0 Demonstrate knowledge of the capability and limitation of personal protective equipment.
- 54.0 Demonstrate knowledge of engine company and ladder company operations give a fireground scenario.
- 55.0 Demonstrate knowledge of proper position of apparatus.
- 56.0 Demonstrate knowledge of proper water source determination for delivery to the fire scene.
- 57.0 Demonstrate knowledge of the signs of building collapse.
- 58.0 Demonstrate knowledge of the capability and limitation of personal protective equipment.
- 59.0 Demonstrate an understanding of firefighting in multiple dwellings.
- 60.0 Demonstrate an understanding of firefighting in a high-rise building.
- 61.0 Demonstrate an understanding of firefighting in a contiguous structure.
- 62.0 Demonstrate an understanding of firefighting taxpayers and mixed-use occupancies.
- 63.0 Demonstrating an understanding of firefighting in commercial occupancies and strip malls.
- 64.0 Demonstrate knowledge of critical incident stress management.
- 65.0 Demonstrate knowledge of features of matter and energy.
- 66.0 Demonstrate knowledge of the principles of chemical reaction, oxidation, reduction and combustion.
- 67.0 Demonstrate knowledge of the fore tetrahedron and principles of extinguishment.
- 68.0 Demonstrate knowledge of common elements such as oxygen, hydrogen, fluorine, chlorine, phosphorus, sulfur, and carbon.
- 69.0 Demonstrate knowledge of corrosive materials, i.e. acids and bases.
- 70.0 Demonstrate knowledge of path of travel of fire, heat and smoke.
- 71.0 Demonstrate knowledge of the role and responsibilities of the fire investigator.
- 72.0 Demonstrate an ability to differentiate between accidental and incendiary fire cause.
- 73.0 Demonstrate the ability to recognize and report indicators of the point of origin of a fire.
- 74.0 Demonstrate knowledge of the function of management.
- 75.0 Demonstrate knowledge of principles leadership.
- 76.0 Demonstrate knowledge of major management theorists (Drucker, Peters, MacGregor, Herzberg, et al).
- 77.0 Demonstrate knowledge of span of control and unity of command.
- 78.0 Demonstrate knowledge of principles of motivation.
- 79.0 Demonstrate knowledge of personality typing as applied to leadership.
- 80.0 Demonstrate knowledge of the principles of small group behavior.
- 81.0 Demonstrate knowledge of ethical and legal considerations for first level supervisors.
- 82.0 Demonstrate the ability to recognize, define, and discuss basic concepts of terrorism.
- 83.0 Demonstrate the ability to design and present in-service training.
- 84.0 Demonstrate the knowledge of the principles of adult learning.
- 85.0 Demonstrate the ability to design valid test items.
- 86.0 Demonstrate the ability to effectively critique presentations.

Optional standards for programs specializing in Fire Officer II

- 87.0 The student will become familiar with the periodic table of contents, chemical structure, inorganic compounds, organic compounds I – organic architecture, organic compounds II – non-polar compounds, organic compounds III – polar compounds, chemical formulas; identify the chemical and physical properties of matter; physical effects and exposure to hazardous materials; science officer research.
- 88.0 Identify the common elements by their atomic symbols on the Periodic Table and demonstrate an understanding of why the table is organized into columns and groups.
- 89.0 Differentiate between elements, compounds and mixtures, and give examples of each.
- 90.0 Explain the difference between ionic and covalent bonding and be able to predict when each will occur.
- 91.0 Identify, name, and understand the basic chemistry involved with common hydrocarbon derivatives.
- 92.0 Comprehend the basic chemical and physical properties of gases, liquids and solids, and predict the behavior of a substance under adverse conditions.
- 93.0 Identify, name, and understand the basic chemistry and hazards involved with the nine U.S. Department of Transportation hazard classes and their divisions.
- 94.0 Analyze facility occupancy, transportation documents, shape and size of containers, and Material Safety Data Sheets (MSDS) to recognize the physical state and potential hazards of reactivity related to firefighter health and safety.
- 95.0 Demonstrate the ability to utilize guidebooks to determine an initial course of action for emergency responders.
- 96.0 Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
- 97.0 The student will become familiar with identifying the problem, detecting incendiary fires, understand the nature and behavior of fire, understand the combustible properties of liquid and gaseous fuels, understand the properties of solid fuels, identify sources of ignition, deal with structure fires, deal with wildland fires, deal with vehicle and ship fires, electrical cause fires, clothing and fabric fires, explosions, chemical fires and hazardous materials, available lab services, fire related deaths and injuries, arson as a crime, other investigative topics; the students will be able to identify the fundamental theories and concepts of fire investigation; identify the various types of structure fires; identify the various types of grass and wood land fires; identify the various types of automobile, motor vehicle, and ship fires; identify the different variety of electrical fires; identify various types of clothing and fabric fires.
- 98.0 The student will become familiar with modern fire protection, emergency medical, and rescue services; evaluating local risks and planning for the necessary resources; leadership strategies for the political process; organizing and deploying resources; human resource management; fiscal management; capital resource management; leading and managing; training for fire and emergency response services; performance measurement and organizational improvement; health, wellness, and injury prevention; comprehensive prevention programs; regulations, standards, and issues of liability; information management; communication systems and emergency response centers; intergovernmental cooperation; identify career development opportunities and strategies for success; explain the need for effective communication skills both written and verbal; articulate the concepts of span and control, effective delegation and division of labor; recognize appropriate appraising and disciplinary actions and the impact on employee behavior; examine the history and development of management and supervision; evaluate methods of managing available resources; identify roles and responsibilities of leaders in organizations; compare and contrast the traits of effective versus ineffective supervision and management styles; identify and assess safety needs for both emergency and non-emergency situations; identify the importance of ethics as they apply to supervisors; identify the role of a company officer in incident command system (ICS); describe the benefits of documentation; identify and analyze the major causes involved in line of duty firefighter deaths related to health, wellness, fitness and vehicle operations.
- 99.0 The student will be able to design and develop a training course and lesson plan upon completion of this chapter.
- 100.0 Enabling objectives.
- 101.0 The student will be able to develop their plan for professional development as a fire service instructor.

- 102.0 The student will be able to establish a classroom environment that meets the legal ramifications as specified by local, state, and federal rules, regulations, and standards.
- 103.0 The student will be able to construct, administer, and evaluate an assessment instrument.
- 104.0 Define the different types of laws; explain their basic differences, and how the law functions in society.
- 105.0 Become familiar with federal, state, and local laws, which regulate or influence emergency services.
- 106.0 Explain the role and purpose of national codes and standards concerning their legal influence.
- 107.0 Become familiar with legal decisions that have or will affect the fire service.
- 108.0 Discuss the organization and legal structure of the fire department.
- 109.0 Define the liabilities of firefighters.
- 110.0 Recognize legal duties of emergency service members.
- 111.0 Discuss negligence in an emergency setting.
- 112.0 Define discrimination and identify areas of potential discrimination in the emergency service.
- 113.0 Identify, explain and discuss the legalities of entrance requirements, residency, grooming, and drug testing.
- 114.0 Discuss the scope of the civil rights act.
- 115.0 Discuss the parameters and explain the basic intent of the American Disabilities Act, Fair Labor Standards Act, and Family Medical Leave Act.
- 116.0 Explain the at-will doctrine.
- 117.0 Explain the purpose of labor and employment laws.
- 118.0 Identify and analyze the major causes involved in the line of duty firefighter deaths related to health, wellness, fitness and vehicle operations.
- 119.0 Describe an exothermic reaction.
- 120.0 Explain various terms describing fire behavior.
- 121.0 Describe hazards associated with fire.
- 122.0 Describe burn injuries and their care.
- 123.0 Know and use resources in injury prevention available on a national basis.
- 124.0 Know and use resources in injury prevention on a statewide basis.
- 125.0 Know and use resources in injury prevention on a local basis.
- 126.0 Understand the importance of documentation of activities.
- 127.0 Given forms and formats, document fire and life safety education programs.
- 128.0 Given forms and formats, prepare written reports.
- 129.0 Given a list of events, program requests, etc. maintain a work schedule.
- 130.0 Demonstrate an understanding of methods used in conducting fire and life safety programs.
- 131.0 Select instructional materials that are appropriate to the audience and learning objectives.
- 132.0 Maintain safety during fire and life safety education activities.
- 133.0 Present a lesson plan.
- 134.0 Notify the public of an educational event.
- 135.0 Distribute educational information.
- 136.0 Administer an evaluation instrument.
- 137.0 Score and evaluation instrument.
- 138.0 Train fire rescue department personnel in the role of PIO.
- 139.0 Give participants an overview of the key functions and responsibilities of the fire rescue department PIO.
- 140.0 Stress the need for cooperation with the media.
- 141.0 Show trainees an example of an effective PIO at work at an emergency scene.

- 142.0 Give trainees an opportunity to practice specific performance based skills required in the PIO function.
- 143.0 Be familiar with the most current media technology.
- 144.0 Understand the need for public information policies.
- 145.0 Understand Incident Command System (ICS), Joint Information Center (JIC), and Joint Information Systems (JIS)
- 146.0 Discuss unified message.

Optional standards for programs specializing in Fire Company Management

- 147.0 Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled.
- 148.0 Demonstrate an understanding of the components of building construction that relate to fire and life safety.
- 149.0 Understand the principles of the use of water in fire protection and how to apply hydraulic principles to analyze and to solve water supply problems.
- 150.0 Examine the organization and management of a fire department and the relationship of government agencies to the fire service.
- 151.0 Analyze the principles of fire control through utilization of personnel, equipment, and extinguishing agents on the fire ground.

Optional standards for programs specializing in Fire Inspector I

- 152.0 Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled.
- 153.0 Demonstrate an understanding of the components of building construction that relate to fire and life safety.
- 154.0 Demonstrate understanding of the Life Safety Code as applied to various kinds of occupancies.
- 155.0 Demonstrate ability to locate proper citations within the Life Safety Code.
- 156.0 Demonstrate knowledge of the concept of code equivalency.
- 157.0 Demonstrate knowledge of types of egress and distances required.
- 158.0 Demonstrate the ability to properly classify types of occupancies.
- 159.0 Demonstrate the ability to calculate the size, area, and volume of complex building shapes.
- 160.0 Demonstrate ability to use architectural ruler.
- 161.0 Demonstrate recognition of various types and methods of construction as denoted in architectural drawings.
- 162.0 Demonstrate ability to interpret working drawings of residential, light and heavy commercial buildings.
- 163.0 Demonstrate ability to interpret conventions, symbols, and notes on architectural working drawings.
- 164.0 Demonstrate knowledge of the relationship between working drawings, "as-built", and actual construction.
- 165.0 Demonstrate knowledge of the construction process and materials used.
- 166.0 Demonstrate knowledge of legal foundations for fire inspections.
- 167.0 Demonstrate knowledge of the fire inspection process.
- 168.0 Demonstrate knowledge of fire inspection practices as part of an overall fire prevention program.
- 169.0 Demonstrate knowledge of fire inspection report writing.
- 170.0 Demonstrate knowledge of complaint handling and code enforcement procedures.
- 171.0 Demonstrate knowledge of special occupancies.
- 172.0 Demonstrate knowledge of unsafe conditions, fire hazards, and fire loads.
- 173.0 Demonstrate knowledge of fire behavior.
- 174.0 Demonstrate knowledge of fire cause determination.
- 175.0 Demonstrate knowledge of proper storage of flammable and combustibles.
- 176.0 Demonstrate knowledge of proper storage of hazardous materials.

- 177.0 Demonstrate knowledge of classifications, controls, and applications of automatic sprinkler systems.
- 178.0 Demonstrate knowledge of inspection practices for fire protection systems.
- 179.0 Demonstrate knowledge of classifications, controls, and applications of portable fire extinguishers.
- 180.0 Demonstrate knowledge of water supply for sprinkler and standpipe systems.
- 181.0 Demonstrate knowledge of acceptance testing for fire protection systems.
- 182.0 Identify the appropriate certifications for fire extinguishers, hood systems, sprinkler systems, and alarm devices.
- 183.0 Demonstrate knowledge of various extinguishing agents.
- 184.0 Define types of building classifications and construction types.
- 185.0 Define various loads and forces that affect buildings.
- 186.0 Demonstrate knowledge of various types of building construction and their effect on fire propagation, smoke generation, and control.
- 187.0 Define the characteristics of various building materials, with particular regard to fire resistance.
- 188.0 Define the characteristics of various building types and occupancies, with particular regard to fire load and resistance.
- 189.0 Describe principles of fire resistance, fire growth, and the behavior of fire and smoke in buildings.

Optional standards for programs specializing in Fire Inspector II

- 190.0 Periodic table of elements.
- 191.0 Chemical structure.
- 192.0 Inorganic compounds.
- 193.0 Organic compounds I: organic architecture.
- 194.0 Organic compounds II: non-polar compounds.
- 195.0 Organic compounds III: polar compounds.
- 196.0 Chemical formulas.
- 197.0 Identify the chemical and physical properties of matter.
- 198.0 Physical effects and exposure to hazardous materials.
- 199.0 Science officer research.
- 200.0 Identify the common elements by their atomic symbols on the periodic table and demonstrate an understanding of why the table is organized into columns and groups.
- 201.0 Differentiate between elements, compounds and mixtures, and give examples of each.
- 202.0 Explain the difference between ionic and covalent bonding and be able to predict when each will occur.
- 203.0 Identify, name, and understand the basic chemistry involved with common hydrocarbon derivatives.
- 204.0 Comprehend the basic chemical and physical properties of gases, liquids and solids, and predict the behavior of a substance under adverse conditions.
- 205.0 Identify, name, and understand the basic chemistry and hazards involved with the nine U.S. Department of Transportation hazard classes and their divisions.
- 206.0 Analyze facility occupancy, transportation documents, shape and size of containers, and Material Safety Data Sheets (MSDS) to recognize the physical state and potential hazards of reactivity related to firefighter health and safety.
- 207.0 Demonstrate the ability to utilize guidebooks to determine an initial course of action for emergency responders.
- 208.0 Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
- 209.0 Name the parts of a pre-engineered system.
- 210.0 Explain how a pre-engineered system operates.
- 211.0 Describe the application of a pre-engineered system.

- 212.0 List the different types of extinguishing agents.
- 213.0 Define the different extinguishing agents.
- 214.0 Describe the properties of the various extinguishing agents.
- 215.0 The student will demonstrate an understanding of alarm systems associated with pre-engineered systems.
- 216.0 Name the components of a pre-engineered system alarm.
- 217.0 Describe the activation of the alarm system.
- 218.0 List the associated compliance codes required for alarm systems.
- 219.0 The student will demonstrate an understanding of inspection procedures.
- 220.0 Describe the inspection procedure for a pre-engineered system.
- 221.0 List the inspection guidelines for pre-engineered systems.
- 222.0 Explain the need for inspections of pre-engineered systems.
- 223.0 Identify the problem.
- 224.0 Detecting incendiary fires.
- 225.0 Understand the nature and behavior of fire.
- 226.0 Understand the combustible properties of liquid and gaseous fuels.
- 227.0 Understand the properties of solid fuels.
- 228.0 Identify sources of ignition.
- 229.0 Deal with structure fires.
- 230.0 Deal with wildland fires.
- 231.0 Deal with vehicle and ship fires.
- 232.0 Electrical cause fires.
- 233.0 Clothing and fabric fires.
- 234.0 Explosions.
- 235.0 Chemical fires and hazardous materials.
- 236.0 Available lab services.
- 237.0 Fire related deaths and injuries.
- 238.0 Arson as a crime.
- 239.0 Other investigative topics.
- 240.0 Describe an exothermic reaction.
- 241.0 Explain various terms describing fire behavior.
- 242.0 Describe hazards associated with fire.
- 243.0 Describe burn injuries and their care.
- 244.0 Know and use resources in injury prevention available on a national basis.
- 245.0 Know and use resources in injury prevention on a statewide basis.
- 246.0 Know and use resources in injury prevention on a local basis.
- 247.0 Understand the importance of documentation of activities.
- 248.0 Given forms and formats, document fire and life safety education programs.
- 249.0 Given forms and formats, prepare written reports.
- 250.0 Given a list of events, program requests, etc. maintain a work schedule.
- 251.0 Demonstrate an understanding of methods used in conducting fire and life safety programs.
- 252.0 Select instructional materials that are appropriate to the audience and learning objectives.
- 253.0 Maintain safety during fire and life safety education activities.

- 254.0 Present a lesson plan.
- 255.0 Notify the public of an educational event.
- 256.0 Distribute educational information.
- 257.0 Administer an evaluation instrument.
- 258.0 Score and evaluation instrument.
- 259.0 To train fire rescue department personnel in the role of Public Information Officer (PIO).
- 260.0 To give participants an overview of the key functions and responsibilities of the fire rescue department PIO.
- 261.0 To stress the need for cooperation with the media.
- 262.0 To show trainees an example of an effective PIO at work at an emergency scene.
- 263.0 To give trainees an opportunity to practice specific performance based skills required in the PIO function.
- 264.0 To be familiar with the most current media technology.
- 265.0 Understand the need for public information policies.
- 266.0 Understand Incident Command System (ICS), Joint Information Center (JIC), and Joint Information Systems (JIS)
- 267.0 Discuss unified message.

Optional standards for programs specializing in Fire Investigator I

- 268.0 Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled.
- 269.0 Demonstrate an understanding of the components of building construction that relate to fire and life safety.
- 270.0 Demonstrate knowledge of classifications, controls, and applications of automatic sprinkler systems.
- 271.0 Demonstrate knowledge of inspection practices for fire protection systems.
- 272.0 Demonstrate knowledge of classifications, controls, and applications of portable fire extinguishers.
- 273.0 Demonstrate knowledge of water supply for sprinkler and standpipe systems.
- 274.0 Demonstrate knowledge of acceptance testing for fire protection systems.
- 275.0 Identify the appropriate certifications for fire extinguishers, hood systems, sprinkler systems, and alarm devices.
- 276.0 Demonstrate knowledge of various extinguishing agents.
- 277.0 Define types of building classifications and construction types.
- 278.0 Define various loads and forces that affect buildings.
- 279.0 Demonstrate knowledge of various types of building construction and their effect on fire propagation, smoke generation, and control.
- 280.0 Define the characteristics of various building materials, with particular regard to fire resistance.
- 281.0 Define the characteristics of various building types and occupancies, with particular regard to fire load and resistance.
- 282.0 Describe principles of fire resistance, fire growth, and the behavior of fire and smoke in buildings.
- 283.0 Demonstrate knowledge of features of matter and energy.
- 284.0 Demonstrate knowledge of the principles of chemical reaction: oxidation, reduction, and combustion.
- 285.0 Demonstrate knowledge of the fire tetrahedron and principles of extinguishment.
- 286.0 Demonstrate knowledge of common elements such as oxygen, hydrogen, fluorine, chlorine, bromine, phosphorus, sulfur, and carbon.
- 287.0 Demonstrate knowledge of corrosive materials, i.e. acids and bases.
- 288.0 Demonstrate knowledge of path of travel of fire, heat, and smoke.
- 289.0 Demonstrate knowledge of the role and responsibilities of the fire investigator.
- 290.0 Demonstrate the ability to differentiate between accidental and incendiary fire causes.
- 291.0 Demonstrate the ability to recognize and report indicators of the point of origin of a fire.

Optional standards for programs specializing in Fire Investigator II

- 292.0 Explain the rule of law as it pertains to arrest, search and seizure procedures and their application to fire investigations.
- 293.0 Recognize and interpret fire scenes common to various types of fires.
- 294.0 Describe the chemistry of combustion and the relationship of atoms, elements, compounds, and organic compounds on fire.
- 295.0 Explain the nature and behavior of fire including the effects of heat.
- 296.0 Explain and identify the combustion properties of liquids, gases and solid fuels.
- 297.0 Identify and explain electrical causes of fires.
- 298.0 List and explain the procedures for lifting fingerprints, evidence collection and preservation.
- 299.0 List and identify the make-up and use of incendiary devices, explosives, and bombs.
- 300.0 List the procedures for documenting fire scenes, including sketching, photography, and report writing.
- 301.0 Analyze fire-related deaths and injuries and describe methods of documentation.
- 302.0 Identify the techniques for interviewing and questioning suspects and subjects.
- 303.0 Explain the role of the fire investigator in courtroom proceedings including courtroom demeanor and testifying.
- 304.0 Identify and list the sources and technology available for fire investigations.
- 305.0 Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.

Optional standards for programs specializing in Fire Instructor

- 306.0 Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled.
- 307.0 Demonstrate an understanding of the components of building construction that relate to fire and life safety.
- 308.0 Understand adult learning strategies and concepts.
- 309.0 Begin an active training program.
- 310.0 Gain leadership of the training group.
- 311.0 Give presentations and lead discussions.
- 312.0 Facilitate structured activities and promote team learning.
- 313.0 Conclude and evaluate an active training program.
- 314.0 List and describe the five phases of the instructional design process.
- 315.0 Construct goals and objectives for a class.
- 316.0 Explain how a lesson plan is used.
- 317.0 Develop a plan for professional development as a fire service instructor.
- 318.0 Describe the role of mentors.
- 319.0 Identify various continuing professional development opportunities.
- 320.0 Discuss the value of using a library as fire service instructors.
- 321.0 Describe research as it pertains to the fire service instructor.
- 322.0 Describe various ways to obtain professional development opportunities.
- 323.0 Describe Fire and Emergency Services Higher Education (FESHE) and how it affects the fire service instructor.
- 324.0 Discuss the benefits of Training Resources and Data Exchange (TRADE) to the fire service Instructor.
- 325.0 Establish a classroom environment that meets the legal ramifications as specified by local, state, and federal rules, regulations, and standards.

- 326.0 Discuss the NFPA role in standards development.
- 327.0 List and relate the various NFPA standards relative to the fire service instructor.
- 328.0 List and discuss the role of local, state, and federal agencies relative to the fire service instructor.
- 329.0 Define negligence and its effect on the fire service instructor.
- 330.0 Describe what constitutes harassment.
- 331.0 Discuss academic honesty and privacy issues.
- 332.0 Explain the effects of ADA relative to fire service instructors.
- 333.0 Explain copyright and how it applies to instructors.
- 334.0 Construct, administer, and evaluate an assessment instrument.
- 335.0 Define the four levels of evaluation.
- 336.0 Differentiate between summative and formative evaluation.
- 337.0 Define the different kinds of tests.
- 338.0 Discuss the difference among the various types of tests.
- 339.0 List various sources for tests.

Florida Department of Education
Student Performance Standards

Program Title: Fire Science Technology (FESHE Model)
 CIP Numbers: 1743020100 AS
 Program Length: 60 credit hours
 SOC Code(s): 33-2021

The AS degree requires the inclusion of a minimum of 15 credits of general education coursework according to SACS, and it must be transferable according to Rule 6A-14.030 (2), F.A.C. At the completion of this program, the student will be able to:	
01.0	Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled--The student will be able to:
01.01	Identify physical properties of the three states of matter.
01.02	Categorize the components of fire.
01.03	Recall the physical and chemical properties of fire.
01.04	Describe and apply the process of burning.
01.05	Define and use basic terms and concepts associated with the chemistry and dynamics of fire.
01.06	Describe the dynamics of fire.
01.07	Discuss various materials and their relationship to fires as fuel.
01.08	Demonstrate knowledge of the characteristics of water as a fire suppression agent.
01.09	Articulate other suppression agents and strategies.
01.10	Compare other methods and techniques of fire extinguishments.
02.0	Demonstrate an understanding of the components of building construction that relate to fire and life safety--The student will be able to:
02.01	Demonstrate an understanding of building construction as it relates to firefighter safety, building codes, fire prevention, code inspection and firefighting strategy and tactics.
02.02	Classify major types of building construction.
02.03	Analyze the hazards and tactical considerations associated with the various types of building construction.
02.04	Explain the different loads and stresses that are placed on a building and their interrelationships.
02.05	Identify the principle structural components of buildings and demonstrate an understanding of the function of each.
02.06	Differentiate between fire resistance and flame spread, and describe the testing procedures used to establish ratings for each.
02.07	Classify occupancy designations of the building code.
02.08	Identify the indicators of potential structural failure as they relate to firefighter safety.
02.09	Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
03.0	Understand the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationships of fire prevention with built-in fire protection systems, fire investigation, and fire and life-safety education--The student will be able to:
03.01	Define the national fire problem and main issues relating thereto.
03.02	Recognize the need, responsibilities, and importance of fire prevention as part of an overall mix of fire protection.
03.03	Recognize the need, responsibilities, and importance of fire prevention organizations.

03.04	Review minimum professional qualifications at the state and national level for Fire Inspector, Fire Investigator, and Public Educator.
03.05	Define the elements of a plan review program.
03.06	Identify the laws, rules, codes, and other regulations relevant to fire protection of the authority having jurisdiction.
03.07	Discuss training programs for fire prevention.
03.08	Design media programs.
03.09	Discuss the major programs for public education.
04.0	<u>Understand the principles of the use of water in fire protection and how to apply hydraulic principles to analyze and to solve water supply problems--The student will be able to:</u>
04.01	Apply mathematics and physics to the movement of water in fire suppression activities.
04.02	Comprehend the design principles of fire service pumping apparatus.
04.03	Analyze community fire flow demand criteria.
04.04	Demonstrate, through problem solving, a thorough understanding of the principles of forces that affect water at rest and in motion.
05.0	<u>Describe the features of design and operation of fire alarm systems, water-based fire suppression systems, special hazard fire suppression systems, and water supply for fire protection and portable fire extinguishers--The student will be able to:</u>
05.01	Explain the benefits of fire protection systems in various types of structures.
05.02	Describe the basic elements of a public water supply system including sources, distribution networks, piping and hydrants.
05.03	Explain why water is a widely used extinguishing agent and describe how water extinguishes fires.
05.04	Identify the different types and components of sprinkler, standpipe and foam systems.
05.05	Define the benefits of residential sprinkler legislation.
05.06	Identify five different types of non-water based fire suppression systems and describe how these systems extinguish fire.
05.07	Describe the basic components of a fire alarm system.
05.08	Identify three different types of detectors and explain how they detect fire.
05.09	Describe the hazards of smoke and list the four factors that can influence smoke movement in a building.
05.10	Recognize the appropriate application of the different types of sprinklers.
05.11	Explain the operation and appropriate application for the different types of portable fire extinguishing systems.
05.12	Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
06.0	<u>Discuss fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection/service; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics, introduction to fire protection systems; and introduction to fire strategy and tactics--The student will be able to:</u>
06.01	Describe and discuss the components of the history and philosophy of the modern day fire service.
06.02	Analyze the basic components of fire as a chemical reaction, the major phases of fire, and examine the main factors that influence fire spread and fire behavior.
06.03	Differentiate between fire service training and education; fire protection certificate program and a fire service degree program; and explain the value of education in the fire service.
06.04	List and describe the major organizations that provide emergency response service and illustrate how they interrelate.
06.05	Identify fire protection and emergency-service careers in both the public and in the private sector.
06.06	Synthesize the role of national, state and local support organizations in fire protection and emergency services.
06.07	Discuss and describe the scope, purpose, and organizational structure of fire and emergency services.

06.08	Describe the common types of fire and emergency services facilities, equipment, and apparatus.
06.09	Compare and contrast effective management concepts for various emergency situations.
06.10	Identify and explain the components of fire prevention including code enforcement, public information, and public and private fire protection systems.
07.0	<u>Examine the organization and management of a fire department and the relationship of government agencies to the fire service--The student will be able to:</u>
07.01	Identify career development opportunities and strategies for success.
07.02	Explain the need for effective communication skills both written and verbal.
07.03	Articulate the concepts of span and control, effective delegation and division of labor.
07.04	Recognize appropriate appraising and disciplinary actions and the impact on employee behavior.
07.05	Examine the history and development of management and supervision.
07.06	Evaluate methods of managing available resources.
07.07	Identify roles and responsibilities of leaders in organizations.
07.08	Compare and contrast the traits of effective versus ineffective supervision and management styles.
07.09	Identify and assess safety needs for both emergency and non-emergency situations.
07.10	Identify the importance of ethics as they apply to supervisors.
07.11	Identify the role of a company officer in Incident Command System (ICS).
07.12	Describe the benefits of documentation.
07.13	Identify and analyze the major causes involved in line of duty firefighter deaths related to health, wellness, fitness and vehicle operations.
08.0	<u>Define risk evaluation and control procedures for fire stations, training sites, emergency vehicles, and emergency situations involving fire, EMS, hazardous materials, and technical rescue--The student will be able to:</u>
08.01	Describe the history of health and safety programs.
08.02	Identify occupational health safety programs in industry today.
08.03	Identify occupational health and safety programs for the emergency services.
08.04	Describe the distinction between standards and regulations.
08.05	Identify federal regulations that impact on health and safety programs.
08.06	Identify the standards that impact on occupational health and safety.
08.07	Identify the concepts of risk identification and risk evaluation.
08.08	Describe the considerations for safety in fire stations and emergency response vehicles.
08.09	Describe the components of an effective response safety plan.
08.10	Describe the components of the pre-incident planning process.
08.11	Describe the considerations for safety while training.
08.12	Define the value of personal protective equipment.
08.13	Describe the components of accountability system in emergency operations.
08.14	Define incident priorities and how they relate to health and safety.
08.15	Describe the relationship of incident management as it relates to health and safety.
08.16	Describe the methods of controlling hazards associated with responding to EMS, hazmat, and technical rescue incidents.
08.17	Explain the need for and the process used for post-incident analysis.
08.18	Describe the components and value of critical incident management programs.

08.19	Describe the responsibilities of individual responders, supervisors, safety officers, and incident commanders, safety program managers, safety committees and fire department managers as they relate to health and safety programs.
08.20	Describe the components of a wellness/fitness plan.
08.21	Identify and analyze the major causes involved in line of duty firefighter deaths related to health, wellness, fitness and vehicle operations.
09.0	<u>Discuss the federal, state, and local laws that regulate emergency services, national standards influencing emergency services, standard of care, tort, liability, and a review of court cases--The student will be able to:</u>
09.01	Define the different types of laws; explain their basic differences, and how the law functions in society.
09.02	Become familiar with federal, state, and local laws, which regulate or influence emergency services.
09.03	Explain the role and purpose of national codes and standards concerning their legal influence.
09.04	Become familiar with legal decisions that have or will affect the fire service.
09.05	Discuss the organization and legal structure of the fire department.
09.06	Define the liabilities of firefighters.
09.07	Recognize legal duties of emergency service members.
09.08	Discuss negligence in an emergency setting.
09.09	Define discrimination and identify areas of potential discrimination in the emergency service.
09.10	Identify, explain and discuss the legalities of entrance requirements, residency, grooming, and drug testing.
09.11	Discuss the scope of the civil rights act.
09.12	Discuss the parameters and explain the basic intent of the Americans with Disabilities Act (ADA), and Family Medical Leave Act (FMLA).
09.13	Explain the at-will doctrine.
09.14	Explain the purpose of labor and employment laws.
09.15	Identify and analyze the major causes involved in the line of duty firefighter deaths related to health, wellness, fitness and vehicle operations.
10.0	<u>Analyze the principles of fire control through utilization of personnel, equipment, and extinguishing agents on the fire ground--The student will be able to:</u>
10.01	Demonstrate (verbally and written) knowledge of fire behavior and the chemistry of fire.
10.02	Articulate the main components of pre-fire planning and identify steps during a pre-fire plan review.
10.03	Recall the basics of building construction and how they interrelate to pre-fire planning.
10.04	Recall major steps taken during size-up and identify the order in which they will take place at an incident.
10.05	Recognize and articulate the importance of fire ground communications.
10.06	Identify and define the main functions within the ICS system and how they interrelate during an incident.
10.07	Given different scenarios, the student will set up and ICS call for appropriate resources and bring the scenario to a mitigated or controlled conclusion.
10.08	Identify and analyze the major causes involved in line of duty firefighter deaths related to health, wellness, fitness and vehicle operations.
11.0	<u>Identify the fundamentals and technical knowledge needed for proper fire scene interpretations, including recognizing and conducting origin and cause, preservation of evidence and documentation, scene security, motives of the firesetter, and types of fire causes--The student will be able to:</u>
11.01	Identify and explain the responsibilities of the fire department from a firefighter's perspective when responding to the scene of a fire,

	including the possibility of incendiary devices often encountered.
11.02	Define criminal law and explain the constitutional amendments (4th, 5th, 6th, 8th, and 14th) as they apply to fire investigations.
11.03	Analyze the precedents set by constitutional law case studies that have affected fire investigations.
11.04	Define and explain the common terms used in fire investigations.
11.05	Describe the basic elements of fire dynamics and how they affect cause determination including fire behavior, characteristics of fuels and methods of heat transfer.
11.06	Analyze the relationship of building construction on fire investigations including types of construction, construction and finish materials.
11.07	Evaluate fire protection systems and building services and discuss how their installation affects the ignition of fires in buildings.
11.08	Discuss the basic principles of electricity.
11.09	Explain the role of the fire investigator in recognizing health and safety concerns including potential hazardous materials awareness.
11.10	Describe fire scene investigations and the process of conducting investigations using the scientific method.
11.11	Explain how an investigator determines the point of origin in a room.
11.12	Identify the types of fire causes and differentiate between accidental and incendiary causes.
11.13	Describe and explain the basic procedures used for investigating vehicle fires.
11.14	Identify the characteristics of arson and common motives of the firesetter.
11.15	Identify and analyze the causes involved in line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
12.0	<u>Demonstrate advanced technical knowledge on rule of law, fire scene analysis, fire behavior, evidence collection and preservation, scene documentation, case preparation and testifying--The student will be able to:</u>
12.01	Explain the rule of law as it pertains to arrest, search and seizure procedures and their application to fire investigations.
12.02	Recognize and interpret fire scenes common to various types of fires.
12.03	Describe the chemistry of combustion and the relationship of atoms, elements, compounds, and organic compounds on fire.
12.04	Explain the nature and behavior of fire including the effects of heat.
12.05	Explain and identify the combustion properties of liquids, gases and solid fuels.
12.06	Identify and explain electrical causes of fires.
12.07	List and explain the procedures for lifting fingerprints, evidence collection and preservations.
12.08	List and identify the make-up and use of incendiary devices, explosives, and bombs.
12.09	List the procedures for documenting fire scenes, including sketching, photography, and report writing.
12.10	Analyze fire-related deaths and injuries and describe methods of documentation.
12.11	Identify the techniques for interviewing and questioning suspects and subjects.
12.12	Explain the role of the fire investigator in courtroom proceedings including courtroom demeanor and testifying.
12.13	Identify and list the sources and technology available for fire investigations.
12.14	Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
13.0	<u>Comprehend basic chemistry relating to the categories of hazardous materials including problems of recognition, reactivity, and health encountered by firefighters--The student will be able to:</u>
13.01	Identify the common elements by their atomic symbols on the Periodic Table and demonstrate an understanding of why the table is organized into columns and groups.
13.02	Differentiate between elements, compounds and mixtures, and give examples of each.

13.03	Explain the difference between ionic and covalent bonding and be able to predict when each will occur.
13.04	Identify, name, and understand the basic chemistry involved with common hydrocarbon derivatives.
13.05	Comprehend the basic chemical and physical properties of gases, liquids and solids, and predict the behavior of a substance under adverse conditions.
13.06	Identify, name, and understand the basic chemistry and hazards involved with the nine U.S. Department of Transportation hazard classes and their divisions.
13.07	Analyze facility occupancy, transportation documents, shape and size of containers, and Material Safety Data Sheets (MSDS) to recognize the physical state and potential hazards of reactivity related to firefighter health and safety.
13.08	Demonstrate the ability to utilize guidebooks to determine an initial course of action for emergency responders.
13.09	Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
Optional standards for programs specializing in Fire Officer I	
14.0	<u>Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled</u> --The student will be able to:
14.01	Identify physical properties of the three states of matter.
14.02	Categorize the components of fire.
14.03	Recall the physical and chemical properties of fire.
14.04	Describe and apply the process of burning.
14.05	Define and use basic terms and concepts associated with the chemistry and dynamics of fire.
14.06	Describe the dynamics of fire.
14.07	Discuss various materials and their relationship to fires as fuel.
14.08	Demonstrate knowledge of the characteristics of water as a fire suppression agent.
14.09	Articulate other suppression agents and strategies.
14.10	Compare other methods and techniques of fire extinguishments.
15.0	<u>Demonstrate an understanding of the components of building construction that relate to fire and life safety</u> --The student will be able to:
15.01	Demonstrate an understanding of building construction as it relates to firefighter safety, building codes, fire prevention, code inspection and firefighting strategy and tactics.
15.02	Classify major types of building construction.
15.03	Analyze the hazards and tactical considerations associated with the various types of building construction.
15.04	Explain the different loads and stresses that are placed on a building and their interrelationships.
15.05	Identify the principle structural components of buildings and demonstrate an understanding of the function of each.
15.06	Differentiate between fire resistance and flame spread, and describe the testing procedures used to establish ratings for each.
15.07	Classify occupancy designations of the building code.
15.08	Identify the indicators of potential structural failure as they relate to firefighter safety.
16.0	<u>Demonstrate knowledge of legal foundations for fire inspections</u> --The student will be able to:
16.01	Describe applicable chapters and sections of the Florida Statutes that govern fire safety inspections.
16.02	Describe applicable chapters and sections of the Florida Administrative Code that govern fire safety inspections.
17.0	<u>Demonstrate knowledge of the fire inspection process</u> --The student will be able to:
17.01	Discuss fire inspection and its place within the fire department's organization
17.02	Define and discuss inspection and re-inspection
17.03	Discuss the scheduling of fire inspections

17.04	Compare and contrast the customer service and code enforcement concepts of fire inspection
17.05	Discuss the steps of the physical fire inspections
18.0	<u>Demonstrate knowledge of fire inspection practices as part of an overall fire prevention program--The student will be able to:</u>
18.01	List and describe the components of a complete fire prevention program.
18.02	Discuss the proactive role of the fire inspector
18.03	Discuss the educational role of the fire inspection.
19.0	<u>Demonstrate knowledge of fire inspection report writing--The student will be able to:</u>
19.01	Define the parts of a complete fire inspection report.
19.02	Discuss the proper handling, distribution, and retention of fire inspection reports.
19.03	Prepare a draft fire inspection report to acceptable industry standards.
20.0	<u>Demonstrate knowledge of complaint handling and code enforcement procedures--The student will be able to:</u>
20.01	Discuss methods of handling occupant complaints relative to fire inspections.
20.02	Discuss code enforcement authority of fire inspectors.
20.03	Discuss code development and adoption processes
20.04	Discuss appeal process relative to code violations.
21.0	<u>Demonstrate knowledge of special occupancies--The student will be able to:</u>
21.01	Define special occupancies
21.02	Discuss LSC applications related to special occupancies.
21.03	Discuss fire inspection practice relative to special occupancies.
22.0	<u>Demonstrate knowledge of unsafe conditions, fire hazards, and fire loads--The student will be able to:</u>
22.01	Define and discuss unsafe conditions
22.02	Define and discuss fire hazards.
22.03	Define and discuss fire loads.
23.0	<u>Demonstrate knowledge of fire behavior--The student will be able to:</u>
23.01	Define and discuss the fire triangle
23.02	Define and discuss the fire tetrahedron.
23.03	Define ignition temperature
23.04	Define flammable range.
23.05	Define combustion.
24.0	<u>Demonstrate knowledge of fire cause determination--The student will be able to:</u>
24.01	Discuss how to determine the point of origin of a fire
24.02	Define and discuss "V" patterns.
24.03	Define and discuss char patterns.
24.04	Define and discuss smoke stains.
24.05	Compare and contrast accidental and incendiary fire causes.
25.0	<u>Demonstrate knowledge of proper storage of flammables and combustibles--The student will be able to:</u>
25.01	Define and discuss flammable materials
25.02	Define and discuss combustible materials
25.03	Discuss proper storage methods
25.04	Identify and discuss proper markings for flammable and combustible material storage areas.

26.0	<u>Demonstrate knowledge of proper storage of hazardous materials</u> --The student will be able to:
26.01	Define and discuss hazardous materials
26.02	Define and discuss material safety data sheets
26.03	Discuss proper storage methods
26.04	Identify and discuss proper markings for hazardous materials storage areas.
27.0	<u>Demonstrate knowledge of classifications, controls, and applications of automatic sprinkler systems</u> --The student will be able to:
27.01	List and define the classes of automatic sprinkler systems
27.02	Identify and describe major controls of automatic sprinkler systems
27.03	Discuss proper installation and application of automatic sprinkler systems for different classes of occupancies
28.0	<u>Demonstrate knowledge of inspection practices for fire protection systems.</u> --The student will be able to:
28.01	Discuss legal requirements for fire protection system inspection
28.02	Discuss testing of fire protection systems
29.0	<u>Demonstrate knowledge of classifications, controls, and applications of portable fire extinguishers</u> --The student will be able to:
29.01	List and define the classes of portable fire extinguishers.
29.02	Identify and describe major controls of portable fire extinguishers.
29.03	Discuss proper installation and application of portable fire extinguishers for different classes of occupancies.
30.0	<u>Demonstrate knowledge of water supply for sprinkler and standpipe systems</u> --The student will be able to:
30.01	Identify the major parts of sprinkler systems
30.02	Identify the major parts of standpipe systems.
30.03	Discuss the use of sprinkler systems in fire suppression tactics of fire departments.
30.04	Discuss the use of standpipe system in fire suppression tactics of fire departments.
30.05	Discuss the water supply system for sprinklers.
30.06	Discuss the water supply system for standpipes.
31.0	<u>Demonstrate knowledge of acceptance testing for fire protection systems</u> --The student will be able to:
31.01	Define acceptance testing
31.02	Define compliance testing
31.03	Discuss acceptance testing procedures for fire protection systems
32.0	<u>Identify the appropriate certifications for fire extinguishers, hood systems, sprinkler systems, and alarm devices</u> --The student will be able to:
32.01	Identify the certification procedures for portable fire extinguishers.
32.02	Identify the certification procedures for hood systems.
32.03	Identify the certification procedures for sprinkler systems.
32.04	Identify the certification procedures for fire alarm systems.
33.0	<u>Define types of building classifications and constructions and construction types</u> --The student will be able to:
33.01	Define and describe the characteristics of single-family residential construction.
33.02	Define and describe the characteristics of multi-family residential construction.
33.03	Define and describe the characteristics of light commercial construction.
33.04	Define and describe the characteristics of heavy commercial construction.
33.05	Define and describe the characteristics of industrial construction.
34.0	<u>Define various loads and forces that affect buildings</u> --The student will be able to:
34.01	Define (a) vertical load, (b) sheer load, (c) tortional load, (d) compressive load, (e) tension load, (f) static load, (g) live load, and (h)

	fire load.
	34.02 Define wind pressure.
	34.03 Discuss windstorm provisions of building codes.
35.0	<u>Demonstrate knowledge of various types of building construction and their effects of fire propagation, smoke generations and control--The student will be able to:</u>
	35.01 Define fire propagation.
	35.02 Define smoke generation.
	35.03 Define fire control.
	35.04 Define balloon construction.
	35.05 Define tilt-slab construction.
	35.06 Define post-and-lintel construction.
	35.07 Given a particular occupancy, discuss the likely development of a fire within that type of construction.
36.0	<u>Define the characteristics of various building materials, with particular regard to fire resistance--The student will be able to:</u>
	36.01 Discuss the fire resistance characteristics of wood frame construction.
	36.02 Discuss the fire resistance characteristics of metal frame construction.
	36.03 Discuss the fire resistance characteristics of masonry construction.
	36.04 Discuss the fire resistance characteristics of concrete construction.
37.0	<u>Define the characteristics of various building types and occupancies, with particular regard to fire load and resistance--The student will be able to:</u>
	37.01 Define and describe fire load and resistance in assembly occupancies.
	37.02 Define and describe fire load and resistance in educational occupancies.
	37.03 Define and describe fire load and resistance in health care occupancies.
	37.04 Define and describe fire load and resistance in detention and correctional occupancies.
	37.05 Define and describe fire load and resistance in residential occupancies.
	37.06 Define and describe fire load and resistance in mercantile occupancies.
	37.07 Define and describe fire load and resistance in business occupancies.
	37.08 Define and describe fire load and resistance in industrial occupancies.
	37.09 Define and describe fire load and resistance in storage occupancies.
38.0	<u>Describe principles of fire resistance, fire growth, and behavior of fire in buildings--The student will be able to:</u>
	38.01 Define fire resistance.
	38.02 Define fire growth.
	38.03 Define fire spread.
	38.04 Define smoke propagation.
39.0	<u>Demonstrate knowledge of the incident management system--The student will be able to:</u>
	39.01 Define principle features of an Incident Command system (ICS) as an incident management system.
	39.02 Define and explain the primary management functions.
	39.03 Explain Management by Objectives.
	39.04 Define "Unity of Command" and "Chain of Command".
	39.05 Demonstrate establishment and transfer of command.
	39.06 Explain the need for organizational flexibility.

39.07	Define unified Command.
39.08	Define Span of Control.
39.09	Understand and use common terminology.
39.10	Describe Personnel Accountability System (PAS)
39.11	Explain Integrated Communications.
39.12	Define Resource Management
39.13	Understand and develop an Incident Action Plan (IAP)
39.14	Explain how the incident organization expands or contracts to meet operational needs of the incident or event
39.15	Describe the use of Branches, Divisions, and Groups within the Operations Section, and provide supervisory titles associated with each level.
39.16	List the essential elements of information involved in transfer of command.
39.17	Match organizational positions with appropriate ICS sections.
39.18	Describe an ICS organization appropriate to a small incident using an Incident Briefing form.
39.19	Name each of the principal facilities used in conjunction with ICS, and explain the purpose and use of each.
39.20	Identify which facilities may be located together at an incident or event.
39.21	Describe the need for proper incident resource management.
39.22	Describe three ways of managing resources and the advantages of each.
39.23	Explain the purpose of resource typing.
39.24	Describe the three resource status conditions used at an incident, and the purpose and limits associated with each.
39.25	Explain how resources status is changed, how notifications of changes are made, and how status is maintained at an incident or event.
39.26	In a small group exercise, list various kinds of resources that may be encountered during incidents in which the student is or may become involved.
39.27	Provide typing for these resources.
39.28	List actions to be accomplished prior to leaving for an incident or event.
39.29	List the steps involved at incident check-in.
39.30	List (or select from a list) major personal responsibilities at an incident or event.
39.31	List the major steps necessary in the incident or event demobilization process.
40.0	Demonstrate advanced knowledge and ability to function in the incident management system--The student will be able to:
40.01	Match responsibility statements to each ICS organizational element.
40.02	List the ICS positions that may include deputies, and describe deputy roles and responsibilities.
40.03	Describe differences between deputies and assistants.
40.04	Describe ICS reporting and working relationships for Technical Specialist and Agency Representatives.
40.05	Describe reporting relationships and information flow within the organization.
40.06	Describe the steps in transferring and assuming incident command.
40.07	List the major elements included in the incident briefing.
40.08	Develop a sample organization around a major event to include the use of all appropriate sections and organizational modules.
40.09	Describe how incidents can best be managed by appropriate and early designation of primary staff members and by proper delegation of authority.
40.10	Describe how Unified Command functions on a multi-jurisdiction or multi-agency incident.

40.11	List the minimum staffing requirement within each organizational element for at least two incidents of different sizes.
40.12	Describe the role and use of forms in effective incident management.
40.13	Identify and describe four basic principles of resource management.
40.14	Identify the basic steps involved in managing incident resources.
40.15	Know the contents of, and how the Operational Planning Worksheet (ICS Form 215), is used.
40.16	Identify the organizational elements at the incident can order resources.
40.17	Describe the differences between single and multipoint resource ordering and the reasons for each.
40.18	Describe why and how resources are assigned to staging areas, camps and direct tactical assignments.
40.19	Describe the purpose and importance of planning for resource demobilization.
40.20	Identify five key considerations associated with resource management and the reasons for each.
40.21	Describe the function and general duties associated with each element of Air Operations Branch organization.
40.22	Diagram a full Air Operations Branch organization using a simulated scenario.
40.23	Describe the function and use of the ICS Form 220, Air Operations Summary Worksheet. List the major steps involved in the planning process.
40.24	Identify the ICS titles of personnel who have responsibilities in developing the incident action plan and list their duties.
40.25	As part of an exercise, identify incident objectives for a simulated scenario.
40.26	As part of an exercise, describe appropriate strategies and tactics to meet incident objectives for a simulated scenario.
40.27	Explain the use of Operational Periods in the planning process, and how Operational Periods are derived.
40.28	Explain the function of the Operational Planning Worksheet (ICS Form 215) and other forms, which may be used in preparing the Incident Action Plan.
40.29	Explain the criteria for determining when the Incident Action Plan should be prepared in writing.
40.30	Identify the kinds of supporting materials included in an Incident Action Plan.
40.31	List the major sections in a Demobilization Plan. As part of a group exercise, develop an Incident Action Plan for a simulated scenario.
41.0	<u>Develop incident action plans for firefighting scenarios</u> --The student will be able to:
41.01	Use an Incident Command System worksheet to layout an ICS structure for a given scenario.
41.02	Describe the functions of various sections of an ICS structure.
42.0	<u>Demonstrate knowledge of flashover and backdraft</u> --The student will be able to:
42.01	Define the phenomenon of flashover.
42.02	List the indicators of flashover.
42.03	List the safety actions to take regarding flashover.
42.04	Define the phenomenon of backdraft.
42.05	List the indicators of backdraft.
42.06	List the safety actions to take regarding backdraft.
42.07	List the safety actions to take regarding backdraft.
43.0	<u>Demonstrate knowledge of various extinguishing agents</u> --The student will be able to:
43.01	Discuss the properties of water as a fire extinguishing agent.
43.02	Discuss the properties of dry chemical as a fire extinguishing agent
43.03	Discuss the properties of carbon dioxide as a fire extinguishing agent.
43.04	Discuss the properties of foam as a fire extinguishing agent.

	43.05	Discuss the properties of halon as a fire extinguishing agent.
44.0		<u>Demonstrate knowledge of various methods of water application including solid stream, straight stream, and fog spray</u> --The student will be able to:
	44.01	Discuss the advantages and disadvantages of solid streams.
	44.02	Discuss the advantages and disadvantages of straight streams.
	44.03	Discuss the advantages and disadvantages of fog sprays.
45.0		<u>Demonstrate knowledge of the principles of firefighting strategy and tactics</u> --The student will be able to:
	45.01	List basic principles of firefighting tactics.
	45.02	Define single company operations.
	45.03	Discuss safety issues relative to firefighting strategy.
46.0		<u>Demonstrate knowledge of "ideal rate of flow"</u> --The student will be able to:
	46.01	Define "Ideal Rate of Flow".
	46.02	Calculate ideal rate of flow in various firefighting scenarios.
47.0		<u>Demonstrate knowledge of the five main observable tactical considerations and the 15 points of size-up</u> --The student will be able to:
	47.01	List and define the five observable tactical considerations.
	47.02	List and define the fifteen points of size-up.
48.0		<u>Demonstrate knowledge of fire situational analysis and its impact on firefighter safety</u> --The student will be able to:
	48.01	Define fire situational analysis.
	48.02	Discuss safety considerations in various firefighting scenarios.
49.0		<u>Demonstrate knowledge of engine company and ladder company operations give a fireground scenario</u> --The student will be able to:
	49.01	Define engine companies.
	49.02	Define truck companies
	49.03	Compare and contrast engine and truck company operations.
50.0		<u>Demonstrate knowledge of proper position of apparatus</u> --The student will be able to:
	50.01	Define and discuss staging.
	50.02	Define and discuss forward lay.
	50.03	Define and discuss reverse lay.
	50.04	Define and discuss catching a hydrant.
51.0		<u>Demonstrate knowledge of proper water source determination for delivery to the fire scene</u> --The student will be able to:
	51.01	Discuss how to determine the rating of fire hydrant.
	51.02	List and describe alternate sources of water where hydrants are not available.
52.0		<u>Demonstrate knowledge of the signs of building collapse</u> --The student will be able to:
	52.01	List signs of building collapse.
	52.02	List and discuss actions to be taken if collapse is imminent.
	52.03	Define and estimate collapse zones.
53.0		<u>Demonstrate knowledge of the capability and limitation of personal protective equipment</u> --The student will be able to:
	53.01	List and describe personal protective equipment worn by firefighters.
	53.02	Discuss when personal protective equipment should be taken out of service for repair or replacement.
54.0		<u>Demonstrate knowledge of engine company and ladder company operations give a fireground scenario</u> --The student will be able to:
	54.01	Define engine companies.

54.02	Define truck companies
54.03	Compare and contrast engine and truck company operations.
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57.02	List and discuss actions to be taken if collapse is imminent.
57.03	Define and estimate collapse zones.
58.0	<u>Demonstrate knowledge of the capability and limitation of personal protective equipment--The student will be able to:</u>
58.01	List and describe personal protective equipment worn by firefighters.
58.02	Discuss when personal protective equipment should be taken out of service for repair or replacement.
59.0	<u>Demonstrate an understanding of firefighting in multiple dwellings--The student will be able to:</u>
59.01	Identify firefighting problems in multiple dwellings.
59.02	Identify life hazards in multiple dwellings.
59.03	Define the acronym CRAVE and apply it to an in-class scenario.
60.0	<u>Demonstrate an understanding of firefighting in a high-rise building--The student will be able to:</u>
60.01	Define a high-rise building.
60.02	List the challenges of fighting a fire in a high-rise building.
61.0	<u>Demonstrate an understanding of firefighting in a contiguous structure--The student will be able to:</u>
61.01	Define contiguous structures.
61.02	Explain the two categories of contiguous structures.
61.03	Explain the strategic approach involving contiguous structures using the acronym CRAVE and apply it to a classroom scenario.
62.0	<u>Demonstrate an understanding of firefighting in taxpayers and mixed-use occupancies--The student will be able to:</u>
62.01	Define mixed use and taxpayer occupancies.
62.02	Identify the construction features of taxpayer and mixed use occupancies.
62.03	Identify the life hazards and firefighting problems encountered in these occupancies.
62.04	Explain the strategic approach involving contiguous structures using the acronym CRAVE and apply it to a classroom scenario.
63.0	<u>Demonstrate an understanding of firefighting in commercial occupancies and strip malls--The student will be able to:</u>
63.01	Identify commercial occupancies and many of the associated hazards.
63.02	Identify and discuss a variety of roof hazards
63.03	Discuss sprinkler use in such occupancies.
63.04	Identify and discuss life hazards associated with commercial occupancies and strip malls.
63.05	Explain the strategic approach involving commercial occupancies and strip malls and apply it to a classroom scenario.
64.0	<u>Demonstrate knowledge of critical incident stress management--The student will be able to:</u>

64.01	Define critical incident stress.
64.02	Discuss the critical incident stress debriefing process.
64.03	Recognize the potential signs of a firefighter suffering from critical incident stress.
65.0	<u>Demonstrate knowledge of features of matter and energy--The student will be able to:</u>
65.01	Define the physical properties of matter.
65.02	Define the physical properties of energy.
66.0	<u>Demonstrate knowledge of the principles of chemical reaction: oxidation, reduction and combustion--The student will be able to:</u>
66.01	Define oxidation.
66.02	Define reduction.
66.03	Define combustion.
67.0	<u>Demonstrate knowledge of the fire tetrahedron and principles of extinguishment--The student will be able to:</u>
67.01	List and define the four parts of the fire tetrahedron.
67.02	Discuss the principles of extinguishment.
68.0	<u>Demonstrate knowledge of common elements such as oxygen, hydrogen, fluorine, chlorine, bromine, phosphorus, sulfur, and carbon--The student will be able to:</u>
68.01	Define the properties of oxygen.
68.02	Define the properties of hydrogen
68.03	Define the properties of fluorine.
68.04	Define the properties of chlorine.
68.05	Define the properties of bromine.
68.06	Define the properties of phosphorus.
68.07	Define the properties of sulfur.
68.08	Define the properties of carbon.
69.0	<u>Demonstrate knowledge of corrosive materials, i.e. acids and bases--The student will be able to:</u>
69.01	Define the physical properties of acids.
69.02	Define the physical properties of bases.
70.0	<u>Demonstrate knowledge of path of travel of fire, heat and smoke--The student will be able to:</u>
70.01	Describe the path of travel for gasses in a structure.
70.02	Describe the path of travel for heat and its three mode of transfer in a structure.
71.0	<u>Demonstrate knowledge of the role and responsibilities of the fire investigator--The student will be able to:</u>
71.01	Define the role of the fire investigator
71.02	Discuss the responsibilities of the fire investigator in terms of state and national standards.
72.0	<u>Demonstrate the ability to differentiate between accidental and incendiary fire cause--The student will be able to:</u>
72.01	Define accidental fire causes.
72.02	Define incendiary fire causes.
73.0	<u>Demonstrate the ability to recognize and report indicators of the point of origin of a fire--The student will be able to:</u>
73.01	List indicators of the point of origin of a fire.
73.02	Identify point of origin indicators at an actual fire scene.
74.0	<u>Demonstrate knowledge of the functions of management--The student will be able to:</u>
74.01	List the functions of management.

	74.02	Select the appropriate management function in different scenarios.
75.0	<u>Demonstrate knowledge of principles of leadership--The student will be able to:</u>	
	75.01	Compare and contrast various models of leadership theory.
	75.02	Select the appropriate leadership style in different scenarios.
76.0	<u>Demonstrate knowledge of major management theorists (Drucker, Peters, MacGregor, Herzberg, et al)--The student will be able to:</u>	
	76.01	Identify various major management theorists by their principal contribution to the literature.
	76.02	Compare and contrast the major management theories.
77.0	<u>Demonstrate knowledge of span of control and unity of command--The student will be able to:</u>	
	77.01	Define span of control
	77.02	Define unity of command
	77.03	Construct an organizational chart according to proper span of control and unity of command concepts.
78.0	<u>Demonstrate knowledge of principles of motivation--The student will be able to:</u>	
	78.01	Define motivators
	78.02	Define hygiene factors
	78.03	Select the appropriate motivator to employ in different scenarios.
79.0	<u>Demonstrate knowledge of personality typing as applied to leadership--The student will be able to:</u>	
	79.01	Discuss Jung's theory of personality.
	79.02	Discuss the Meyers-Briggs model.
	79.03	Discuss his/her own personality type and leadership style.
	79.04	Discuss the application of personality typing to supervision.
80.0	<u>Demonstrate knowledge of the principles of small group behavior--The student will be able to:</u>	
	80.01	List and define the four steps of small group formation.
	80.02	Define risky shift.
	80.03	Define the "Abilene Paradox".
	80.04	Compare and contrast leading versus facilitating small groups.
81.0	<u>Demonstrate knowledge of ethical and legal considerations for first level supervisors--The student will be able to:</u>	
	81.01	Compare and contrast the ethics of obligation and the ethics of aspiration
	81.02	Define vicarious liability
	81.03	Define putative knowledge
	81.04	Describe key provisions of federal and state labor relations law
	81.05	Discuss supervisory issues relative to cultural diversity
	81.06	Discuss supervisory responsibilities relative to sexual harassment
82.0	<u>Demonstrate the ability to recognize, define, and discuss basic concepts of terrorism--The student will be able to:</u>	
	82.01	Define and discuss terrorism, including significant incidents that have occurred within the United States.
	82.02	Illustrate through cases histories, various types of potential incidents.
	82.03	Define domestic and international terrorism per the current Department of Justice definitions.
	82.04	Recognize circumstances that indicate a potential terrorist act.
	82.05	Recognize suspicious circumstances that may indicate possible terrorism.
	82.06	Define differences and similarities between responding to terrorist and non-terrorist incidents.
	82.07	Recognize circumstances and on-scene key indicators that may indicate a suspicious incident.

82.08	Implement appropriate self-protective measures.
82.09	Define scene security requirements unique to terrorist incidents.
83.0	<u>Demonstrate the ability to design and present in-service training</u> --The student will be able to:
83.01	Design a brief in-service training presentation.
83.02	Deliver a live in-service training presentation.
84.0	<u>Demonstrate the knowledge of the principles of adult learning</u> --The student will be able to:
84.01	List and define the parts of Bloom's taxonomy
84.02	List and define level of fluency
84.03	Compare and contrast adult education and training with K-12 education and training.
85.0	<u>Demonstrate the ability to design valid test items</u> --The student will be able to:
85.01	Write valid test questions
85.02	Write effective distracters
85.03	Validate test items
86.0	<u>Demonstrate the ability to effectively critique presentations</u> --The student will be able to:
86.01	Conduct a constructive review of another's performance
86.02	Give useful verbal feedback
<u>Optional standards for programs specializing in Fire Officer II</u>	
87.0	<u>The student will become familiar with:</u>
87.01	Periodic table of elements
87.02	Chemical structure
87.03	Inorganic compounds
87.04	Organic compounds I: organic architecture
87.05	Organic compounds II: non-polar compounds
87.06	Organic compounds III: polar compounds
87.07	Chemical formulas
87.08	Identify the chemical and physical properties of matter
87.09	Physical effects and exposure to hazardous materials
87.10	Science officer research
88.0	Identify the common elements by their atomic symbols on the Periodic Table and demonstrate an understanding of why the table is organized into columns and groups.
89.0	Differentiate between elements, compounds and mixtures, and give examples of each.
90.0	Explain the difference between ionic and covalent bonding and be able to predict when each will occur.
91.0	Identify, name, and understand the basic chemistry involved with common hydrocarbon derivatives.
92.0	Comprehend the basic chemical and physical properties of gases, liquids and solids, and predict the behavior of a substance under adverse conditions.
93.0	Identify, name, and understand the basic chemistry and hazards involved with the nine U.S. Department of Transportation hazard classes and their divisions.
94.0	Analyze facility occupancy, transportation documents, shape and size of containers, and Material Safety Data Sheets (MSDS) to recognize the physical state and potential hazards of reactivity related to firefighter health and safety.
95.0	Demonstrate the ability to utilize guidebooks to determine an initial course of action for emergency responders.

96.0	Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
97.0	<u>The student will become familiar with the following topics:</u>
97.01	Identify the problem
97.02	Detecting incendiary fires
97.03	Understand the nature and behavior of fire
97.04	Understand the combustible properties of liquid and gaseous fuels
97.05	Understand the properties of solid fuels
97.06	Identify sources of ignition
97.07	Deal with structure fires
97.08	Deal with wildland fires
97.09	Deal with vehicle and ship fires
97.10	Electrical cause fires
97.11	Clothing and fabric fires
97.12	Explosions
97.13	Chemical fires and hazardous materials
97.14	Available lab services
97.15	Fire related deaths and injuries
97.16	Arson as a crime
97.17	Other investigative topics
97.18	The students will be able to identify the fundamental theories and concepts of fire investigation.
97.19	Identify the various types of structure fires.
97.20	Identify the various types of grass and wood land fires.
97.21	Identify the various types of automobile, motor vehicle, and ship fires.
97.22	Identify the different variety of electrical fires.
97.23	Identify various types of clothing and fabric fires.
98.0	<u>The student will become familiar with the following topics:</u>
98.01	Modern fire protection, emergency medical, and rescue services.
98.02	Evaluating local risks and planning for the necessary resources.
98.03	Leadership strategies for the political process.
98.04	Organizing and deploying resources.
98.05	Human resource management.
98.06	Fiscal management.
98.07	Capital resource management.
98.08	Leading and managing.
98.09	Training for fire and emergency response services.
98.10	Performance measurement and organizational improvement.
98.11	Health, wellness, and injury prevention.
98.12	Comprehensive prevention programs.
98.13	Regulations, standards, and issues of liability.

98.14	Information management.
98.15	Communication systems and emergency response centers.
98.16	Intergovernmental cooperation.
98.17	Identify career development opportunities and strategies for success.
98.18	Explain the need for effective communication skills both written and verbal.
98.19	Articulate the concepts of span and control, effective delegation and division of labor.
98.20	Recognize appropriate appraising and disciplinary actions and the impact on employee behavior.
98.21	Examine the history and development of management and supervision.
98.22	Evaluate methods of managing available resources.
98.23	Identify roles and responsibilities of leaders in organizations.
98.24	Compare and contrast the traits of effective versus ineffective supervision and management styles.
98.25	Identify and assess safety needs for both emergency and non-emergency situations.
98.26	Identify the importance of ethics as they apply to supervisors.
98.27	Identify the role of a company officer in Incident Command System (ICS).
98.28	Describe the benefits of documentation.
98.29	Identify and analyze the major causes involved in line of duty fire fighter deaths related to health, wellness, fitness and vehicle operations.
99.0	<u>Design and develop a training course and lesson plan, upon completion of this chapter.</u>
100.0	<u>Enabling objectives--Upon completion, the student shall be able to:</u>
100.01	List and describe the five phases of the instructional design process
100.02	Construct goals and objectives for a class
100.03	Explain how a lesson plan is used
101.0	<u>Develop a plan for professional development as a fire service instructor--The student will be able to</u>
101.01	Describe the role of mentors
101.02	Identify various continuing professional development opportunities
101.03	Discuss the value of using a library as a fire service instructors
101.04	Describe research as it pertains to the fire service instructor
101.05	Describe various ways to obtain professional development opportunities
101.06	Describe Fire and Emergency Services Higher Education (FESHE) and how it affects the fire service instructor
101.07	Discuss the benefits of Training Resources and Data Exchange (TRADE) to the fire service Instructor
102.0	<u>Establish a classroom environment that meets the legal ramifications as specified by local, state, and federal rules, regulations, and standards--The student will be able to</u>
102.01	Discuss the NFPA role in standards development
102.02	List and relate the various NFPA standards relative to the fire service instructor
102.03	List and discuss the role of local, state, and federal agencies relative to the fire service instructor
102.04	Define negligence and its affect on the fire service instructor
102.05	Describe what constitutes harassment
102.06	Discuss academic honesty and privacy issues
102.07	Explain the affects of ADA relative to fire service instructors
102.08	Explain copyright and how it applies to instructors

103.0	Construct, administer, and evaluate an assessment instrument–The student will be able to
103.01	Define the four levels of evaluation
103.02	Differentiate between summative and formative evaluation
103.03	Define the different kinds of tests
103.04	Discuss the difference among the various types of tests
103.05	List various sources for tests
104.0	Define the different types of laws; explain their basic differences, and how the law functions in society.
105.0	Become familiar with federal, state, and local laws, which regulate or influence emergency services.
106.0	Explain the role and purpose of national codes and standards concerning their legal influence.
107.0	Become familiar with legal decisions that have or will affect the fire service.
108.0	Discuss the organization and legal structure of the fire department.
109.0	Define the liabilities of firefighters.
110.0	Recognize legal duties of emergency service members.
111.0	Discuss negligence in an emergency setting.
112.0	Define discrimination and identify areas of potential discrimination in the emergency service.
113.0	Identify, explain and discuss the legalities of entrance requirements, residency, grooming, and drug testing.
114.0	Discuss the scope of the civil rights act.
115.0	Discuss the parameters and explain the basic intent of the American Disabilities Act, Fair Labor Standards Act, and Family Medical Leave Act.
116.0	Explain the at-will doctrine.
117.0	Explain the purpose of labor and employment laws.
118.0	Identify and analyze the major causes involved in the line of duty firefighter deaths related to health, wellness, fitness and vehicle operations.
ENC 1200 Business Communications	
(Or equivalent)	
CGM 1000 Microcomputer Concepts	
(Or equivalent)	
Elective: (choose one)	
FFP1793 Fire and Life Safety Educator - Level I	
119.0	Describe an exothermic reaction.
120.0	Explain various terms describing fire behavior.
121.0	Describe hazards associated with fire.
122.0	Describe burn injuries and their care.
123.0	Know and use resources in injury prevention available on a national basis.
124.0	Know and use resources in injury prevention on a statewide basis.
125.0	Know and use resources in injury prevention on a local basis.

126.0	Understand the importance of documentation of activities.
127.0	Given forms and formats, document fire and life safety education programs.
128.0	Given forms and formats, prepare written reports.
129.0	Given a list of events, program requests, etc. maintain a work schedule.
130.0	Demonstrate an understanding of methods used in conducting fire and life safety programs.
131.0	Select instructional materials that are appropriate to the audience and learning objectives.
132.0	Maintain safety during fire and life safety education activities.
133.0	Present a lesson plan.
134.0	Notify the public of an educational event.
135.0	Distribute educational information.
136.0	Administer an evaluation instrument.
137.0	Score and evaluation instrument.
FFP2706 Public Information Officer (PIO)	
138.0	Train fire rescue department personnel in the role of PIO.
139.0	Give participants an overview of the key functions and responsibilities of the fire rescue department PIO.
140.0	Stress the need for cooperation with the media.
141.0	Show trainees an example of an effective PIO at work at an emergency scene.
142.0	Give trainees an opportunity to practice specific performance based skills required in the PIO function.
143.0	Be familiar with the most current media technology.
144.0	Understand the need for public information policies.
145.0	Understand Incident Command System (ICS), Joint Information Center (JIC), and Joint Information Systems (JIS)
146.0	Discuss unified message
Optional standards for programs specializing in Fire Company Management	
147.0	Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled--The student will be able to:
147.01	Identify physical properties of the three states of matter.
147.02	Categorize the components of fire.
147.03	Recall the physical and chemical properties of fire.
147.04	Describe and apply the process of burning.
147.05	Define and use basic terms and concepts associated with the chemistry and dynamics of fire.
147.06	Describe the dynamics of fire.
147.07	Discuss various materials and their relationship to fires as fuel.
147.08	Demonstrate knowledge of the characteristics of water as a fire suppression agent.
147.09	Articulate other suppression agents and strategies.
147.10	Compare other methods and techniques of fire extinguishments.
148.0	Demonstrate an understanding of the components of building construction that relate to fire and life safety--The student will be able to:
148.01	Demonstrate an understanding of building construction as it relates to firefighter safety, building codes, fire prevention, code inspection and firefighting strategy and tactics.
148.02	Classify major types of building construction.

	148.03 Analyze the hazards and tactical considerations associated with the various types of building construction.
	148.04 Explain the different loads and stresses that are placed on a building and their interrelationships.
	148.05 Identify the principle structural components of buildings and demonstrate an understanding of the function of each.
	148.06 Differentiate between fire resistance and flame spread, and describe the testing procedures used to establish ratings for each.
	148.07 Classify occupancy designations of the building code.
	148.08 Identify the indicators of potential structural failure as they relate to firefighter safety.
	148.09 Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
149.0	<u>Understand the principles of the use of water in fire protection and how to apply hydraulic principles to analyze and to solve water supply problems--The student will be able to:</u>
	149.01 Apply mathematics and physics to the movement of water in fire suppression activities.
	149.02 Comprehend the design principles of fire service pumping apparatus.
	149.03 Analyze community fire flow demand criteria.
	149.04 Demonstrate, through problem solving, a thorough understanding of the principles of forces that affect water at rest and in motion.
150.0	<u>Examine the organization and management of a fire department and the relationship of government agencies to the fire service--The student will be able to:</u>
	150.01 Identify career development opportunities and strategies for success.
	150.02 Explain the need for effective communication skills both written and verbal.
	150.03 Articulate the concepts of span and control, effective delegation and division of labor.
	150.04 Recognize appropriate appraising and disciplinary actions and the impact on employee behavior.
	150.05 Examine the history and development of management and supervision.
	150.06 Evaluate methods of managing available resources.
	150.07 Identify roles and responsibilities of leaders in organizations.
	150.08 Compare and contrast the traits of effective versus ineffective supervision and management styles.
	150.09 Identify and assess safety needs for both emergency and non-emergency situations.
	150.10 Identify the importance of ethics as they apply to supervisors.
	150.11 Identify the role of a company officer in Incident Command System (ICS).
	150.12 Describe the benefits of documentation.
	150.13 Identify and analyze the major causes involved in line of duty firefighter deaths related to health, wellness, fitness and vehicle operations.
151.0	<u>Analyze the principles of fire control through utilization of personnel, equipment, and extinguishing agents on the fire ground--The student will be able to:</u>
	151.01 Demonstrate (verbally and written) knowledge of fire behavior and the chemistry of fire.
	151.02 Articulate the main components of pre-fire planning and identify steps during a pre-fire plan review.
	151.03 Recall the basics of building construction and how they interrelate to pre-fire planning.
	151.04 Recall major steps taken during size-up and identify the order in which they will take place at an incident.
	151.05 Recognize and articulate the importance of fire ground communications.
	151.06 Identify and define the main functions within the ICS system and how they interrelate during an incident.
	151.07 Given different scenarios, the student will set up and ICS call for appropriate resources and bring the scenario to a mitigated or controlled conclusion.

151.08	Identify and analyze the major causes involved in line of duty firefighter deaths related to health, wellness, fitness and vehicle operations.
152.0	<u>Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled--The student will be able to:</u>
152.01	Identify physical properties of the three states of matter.
152.02	Categorize the components of fire.
152.03	Recall the physical and chemical properties of fire.
152.04	Describe and apply the process of burning.
152.05	Define and use basic terms and concepts associated with the chemistry and dynamics of fire.
152.06	Describe the dynamics of fire.
152.07	Discuss various materials and their relationship to fires as fuel.
152.08	Demonstrate knowledge of the characteristics of water as a fire suppression agent.
152.09	Articulate other suppression agents and strategies.
152.10	Compare other methods and techniques of fire extinguishments.
153.0	<u>Demonstrate an understanding of the components of building construction that relate to fire and life safety--The student will be able to:</u>
153.01	Demonstrate an understanding of building construction as it relates to firefighter safety, building codes, fire prevention, code inspection and firefighting strategy and tactics.
153.02	Classify major types of building construction.
153.03	Analyze the hazards and tactical considerations associated with the various types of building construction.
153.04	Explain the different loads and stresses that are placed on a building and their interrelationships.
153.05	Identify the principle structural components of buildings and demonstrate an understanding of the function of each.
153.06	Differentiate between fire resistance and flame spread, and describe the testing procedures used to establish ratings for each.
153.07	Classify occupancy designations of the building code.
153.08	Identify the indicators of potential structural failure as they relate to firefighter safety.
154.0	<u>Demonstrate understanding of the life safety code as applied to various kinds of occupancies--The student will be able to:</u>
154.01	Identify the sections of the Life Safety Code.
154.02	Identify which sections apply to different types of occupancies.
154.03	Define key terms as used in the Life Safety Code.
155.0	<u>Demonstrate ability to locate proper citations within the Life Safety Code--The student will be able to:</u>
155.01	Given a set of inspection circumstances, identify the section of the Life Safety Code that applies.
155.02	Given a set of inspection circumstances, be able to cite the remedy as found in the Life Safety Code (LSC).
156.0	<u>Demonstrate knowledge of the concept of code equivalency--The student will be able to:</u>
156.01	Given a set of similar inspection circumstances, choose between available codes and standards that best apply.
156.02	Compare and contrast national, regional, state, and local codes and standards.
157.0	<u>Demonstrate knowledge of types of egress and distances required--The student will be able to:</u>
157.01	Define types and characteristics of egress in the LSC.
157.02	Find appropriate minimum distances to egress in the LSC.
157.03	Define and discuss different methods of closure for means of egress.
157.04	Describe appropriate markings for means of egress.
158.0	<u>Demonstrate the ability to properly classify types of occupancies--The student will be able to:</u>

158.01	Define and describe assembly occupancies.
158.02	Define and describe educational occupancies.
158.03	Define and describe health care occupancies.
158.04	Define and describe detention and correctional occupancies.
158.05	Define and describe residential occupancies.
158.06	Define and describe mercantile occupancies.
158.07	Define and describe business occupancies.
158.08	Define and describe industrial occupancies.
158.09	Define and describe storage occupancies.
159.0	<u>Demonstrate the ability to calculate the size, area, and volume of complex building shapes</u> --The student will be able to:
159.01	Calculate the size of various buildings.
159.02	Calculate the area of various buildings.
159.03	Calculate the volume of various buildings.
160.0	<u>Demonstrate ability to use architectural ruler</u> --The student will be able to:
160.01	Measure various building dimensions from working drawings, using the appropriate referenced scale.
161.0	<u>Demonstrate recognition of various types and methods of construction as denoted in architectural drawings</u> --The student will be able to:
161.01	Identify markings for different types of doors.
161.02	Identify markings for different types of windows.
161.03	Identify markings for load-bearing and non-load-bearing walls.
161.04	Identify markings for mechanical and air-handling systems.
161.05	Identify markings for electrical systems.
161.06	Identify markings for plumbing systems.
162.0	<u>Demonstrate ability to interpret working drawings of residential, light and heavy commercial buildings</u> --The student will be able to:
162.01	Identify characteristics of residential construction plans.
162.02	Identify characteristics of light commercial construction drawings.
162.03	Identify characteristics of heavy commercial construction drawings.
163.0	<u>Demonstrate ability to interpret conventions, symbols, and notes on architectural working drawings</u> --The student will be able to:
163.01	Identify the clearance radius for doors.
163.02	Identify the width of windows and doors.
163.03	Identify the movable and immovable partitions.
164.0	<u>Demonstrate knowledge of the relationship between working drawings, "as-built", and actual construction</u> --The student will be able to:
164.01	Compare and contrast drawings done at each stage of construction.
164.02	Compare and contrast design drawings and "as-built".
164.03	Discuss the importance of physical inspection during and after construction.
165.0	<u>Demonstrate knowledge of the construction process and materials used</u> --The student will be able to:
165.01	List steps in the construction process.
165.02	Identify the roles of general contractors.
165.03	Identify the roles of subcontractors.
165.04	Identify the principal building trades and their functions.
166.0	<u>Demonstrate knowledge of legal foundations for fire inspections</u> --The student will be able to:

	166.01 Describe applicable chapters and sections of the Florida Statutes that govern fire safety inspections.
	166.02 Describe applicable chapters and sections of the Florida Administrative Code that govern fire safety inspections.
167.0	<u>Demonstrate knowledge of the fire inspection process</u> --The student will be able to:
	167.01 Discuss fire inspection and its place within the fire department's organization.
	167.02 Define and discuss inspection and re-inspection.
	167.03 Discuss the scheduling of fire inspections.
	167.04 Compare and contrast the customer service and code enforcement concepts of fire inspection.
	167.05 Discuss the steps of the physical fire inspection.
168.0	<u>Demonstrate knowledge of fire inspection practices as part of an overall fire prevention program</u> --The student will be able to:
	168.01 List and describe the components of a complete fire prevention program.
	168.02 Discuss the proactive role of the fire inspector.
	168.03 Discuss the educational role of the fire inspection.
169.0	<u>Demonstrate knowledge of fire inspection report writing</u> --The student will be able to:
	169.01 Define the parts of a complete fire inspection report.
	169.02 Discuss the proper uses of fire inspection reports.
	169.03 Discuss the proper handling, distribution, and retention of fire inspection reports.
	169.04 Prepare a draft fire inspection report to acceptable industry standards.
170.0	<u>Demonstrate knowledge of complaint handling and code enforcement procedures</u> --The student will be able to:
	170.01 Discuss methods of handling occupant complaints relative to fire inspections.
	170.02 Discuss code enforcement authority of fire inspectors.
	170.03 Discuss code development and adoption processes.
	170.04 Discuss appeal process relative to code violations.
171.0	<u>Demonstrate knowledge of special occupancies</u> --The student will be able to:
	171.01 Define special occupancies.
	171.02 Discuss LSC applications relative to special occupancies.
	171.03 Discuss fire inspection practices relative to special occupancies.
172.0	<u>Demonstrate knowledge of unsafe conditions, fire hazards, and fire loads</u> --The student will be able to:
	172.01 Define and discuss unsafe conditions.
	172.02 Define and discuss fire hazards.
	172.03 Define and discuss fire loads.
173.0	<u>Demonstrate knowledge of fire behavior</u> --The student will be able to:
	173.01 Define and discuss the fire triangle.
	173.02 Define and discuss the fire tetrahedron.
	173.03 Define ignition temperature.
	173.04 Define flammable range.
	173.05 Define combustion.
174.0	<u>Demonstrate knowledge of fire cause determination</u> --The student will be able to:
	174.01 Discuss how to determine the point of origin of a fire.
	174.02 Define and discuss "V" patterns.
	174.03 Define and discuss char patterns.

	174.04 Define and discuss smoke stains.
	174.05 Compare and contrast accidental and incendiary fire causes.
175.0	<u>Demonstrate knowledge of proper storage of flammable and combustibles</u> --The student will be able to:
	175.01 Define and discuss flammable materials.
	175.02 Define and discuss combustible materials.
	175.03 Discuss proper storage methods.
	175.04 Identify and discuss proper markings for flammable and combustible material storage areas.
176.0	<u>Demonstrate knowledge of proper storage of hazardous materials</u> --The student will be able to:
	176.01 Define and discuss hazardous materials.
	176.02 Define and discuss material safety data sheets.
	176.03 Discuss proper storage methods.
	176.04 Identify and discuss proper markings for hazardous materials storage areas.
177.0	<u>Demonstrate knowledge of classifications, controls, and applications of automatic sprinkler systems</u> --The student will be able to:
	177.01 List and define the classes of automatic sprinkler systems.
	177.02 Identify and describe major controls of automatic sprinkler systems.
	177.03 Discuss proper installation and application of automatic sprinkler systems for different classes of occupancies.
178.0	<u>Demonstrate knowledge of inspection practices for fire protection systems</u> --The student will be able to:
	178.01 Discuss legal requirements for fire protection system inspections.
	178.02 Discuss testing of fire protection systems.
179.0	<u>Demonstrate knowledge of classifications, controls, and applications of portable fire extinguishers</u> --The student will be able to:
	179.01 List and define the classes of portable fire extinguishers.
	179.02 Identify and describe major controls of portable fire extinguishers.
	179.03 Discuss proper installation and application of portable fire extinguishers for different classes of occupancies.
180.0	<u>Demonstrate knowledge of water supply for sprinkler and standpipe systems</u> --The student will be able to:
	180.01 Identify the major parts of sprinkler systems.
	180.02 Identify the major parts of standpipe systems.
	180.03 Discuss the use of sprinkler systems in fire suppression tactics of fire departments.
	180.04 Discuss the use of standpipe systems in fire suppression tactics of fire departments.
	180.05 Discuss the water supply system for sprinklers.
	180.06 Discuss the water supply system for standpipes.
181.0	<u>Demonstrate knowledge of acceptance testing for fire protection systems</u> --The student will be able to:
	181.01 Define acceptance testing.
	181.02 Define compliance testing.
	181.03 Discuss acceptance-testing procedures for fire protection systems.
182.0	<u>Identify the appropriate certifications for fire extinguishers, hood systems, sprinkler systems, and alarm devices</u> --The student will be able to:
	182.01 Identify the certification procedures for portable fire extinguishers.
	182.02 Identify the certification procedures for hood systems.
	182.03 Identify the certification procedures for sprinkler systems.
	182.04 Identify the certification procedures for fire alarm systems.

183.0	Demonstrate knowledge of various extinguishing agents--The student will be able to:
183.01	Discuss the properties of water as a fire-extinguishing agent.
183.02	Discuss the properties of dry chemical as a fire-extinguishing agent.
183.03	Discuss the properties of carbon dioxide as a fire-extinguishing agent.
183.04	Discuss the properties of foam as a fire-extinguishing agent.
183.05	Discuss the properties of halon as a fire-extinguishing agent.
184.0	Define types of building classifications and construction types--The student will be able to:
184.01	Define and describe the characteristics of single-family residential construction.
184.02	Define and describe the characteristics of multi-family residential construction.
184.03	Define and describe the characteristics of light commercial construction.
184.04	Define and describe the characteristics of heavy commercial construction.
184.05	Define and describe the characteristics of industrial construction.
185.0	Define various loads and forces that affect buildings--The student will be able to:
185.01	Define (a) vertical load, (b) sheer load, (c) tortional load, (d) compressive load, (e) tension load, (f) static load, (g) live load, and (h) fire load.
185.02	Define wind pressure.
185.03	Discuss windstorm provisions of building codes.
186.0	Demonstrate knowledge of various types of building construction and their effect on fire propagation, smoke generation, and control--The student will be able to:
186.01	Define fire propagation.
186.02	Define smoke generation.
186.03	Define fire control.
186.04	Define balloon construction.
186.05	Define tilt-slab construction.
186.06	Define post-and-lintel construction.
186.07	Given a particular occupancy, discuss the likely development of a fire within that type of construction.
187.0	Define the characteristics of various building materials, with particular regard to fire resistance--The student will be able to:
187.01	Discuss the fire resistance characteristics of wood frame construction.
187.02	Discuss the fire resistance characteristics of metal frame construction.
187.03	Discuss the fire resistance characteristics of masonry construction.
187.04	Discuss the fire resistance characteristics of concrete construction.

188.0	Define the characteristics of various building types and occupancies, with particular regard to fire load and resistance--The student will be able to:
188.01	Define and describe fire load and resistance in assembly occupancies.
188.02	Define and describe fire load and resistance in educational occupancies.
188.03	Define and describe fire load and resistance in health care occupancies.
188.04	Define and describe fire load and resistance in detention and correctional occupancies.
188.05	Define and describe fire load and resistance in residential occupancies.
188.06	Define and describe fire load and resistance in mercantile occupancies.
188.07	Define and describe fire load and resistance in business occupancies.
188.08	Define and describe fire load and resistance in industrial occupancies.
188.09	Define and describe fire load and resistance in storage occupancies.
189.0	Describe principles of fire resistance, fire growth, and the behavior of fire and smoke in buildings--The student will be able to:
189.01	Define fire resistance.
189.02	Define fire growth.
189.03	Define fire spread.
189.04	Define smoke propagation.
<u>Optional standards for programs specializing in Fire Inspector II</u>	
190.0	Periodic table of elements.
191.0	Chemical structure.
192.0	Inorganic compounds.
193.0	Organic compounds I: organic architecture.
194.0	Organic compounds II: non-polar compounds.
195.0	Organic compounds III: polar compounds.
196.0	Chemical formulas.
197.0	Identify the chemical and physical properties of matter.
198.0	Physical effects and exposure to hazardous materials.
199.0	Science officer research.
200.0	Identify the common elements by their atomic symbols on the periodic table and demonstrate an understanding of why the table is organized into columns and groups.
201.0	Differentiate between elements, compounds and mixtures, and give examples of each.
202.0	Explain the difference between ionic and covalent bonding and be able to predict when each will occur.
203.0	Identify, name, and understand the basic chemistry involved with common hydrocarbon derivatives.
204.0	Comprehend the basic chemical and physical properties of gases, liquids and solids, and predict the behavior of a substance under adverse conditions.
205.0	Identify, name, and understand the basic chemistry and hazards involved with the nine U.S. Department of Transportation hazard classes and their divisions.
206.0	Analyze facility occupancy, transportation documents, shape and size of containers, and Material Safety Data Sheets (MSDS) to recognize the physical state and potential hazards of reactivity related to firefighter health and safety.
207.0	Demonstrate the ability to utilize guidebooks to determine an initial course of action for emergency responders.

208.0	Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
209.0	Name the parts of a pre-engineered system.
210.0	Explain how a pre-engineered system operates.
211.0	Describe the application of a pre-engineered system.
212.0	List the different types of extinguishing agents.
213.0	Define the different extinguishing agents.
214.0	Describe the properties of the various extinguishing agents.
215.0	The student will demonstrate an understanding of alarm systems associated with pre-engineered systems.
216.0	Name the components of a pre-engineered system alarm.
217.0	Describe the activation of the alarm system.
218.0	List the associated compliance codes required for alarm systems.
219.0	The student will demonstrate an understanding of inspection procedures.
220.0	Describe the inspection procedure for a pre-engineered system.
221.0	List the inspection guidelines for pre-engineered systems.
222.0	Explain the need for inspections of pre-engineered systems.
223.0	Identify the problem.
224.0	Detecting incendiary fires.
225.0	Understand the nature and behavior of fire.
226.0	Understand the combustible properties of liquid and gaseous fuels.
227.0	Understand the properties of solid fuels.
228.0	Identify sources of ignition.
229.0	Deal with structure fires.
230.0	Deal with wildland fires.
231.0	Deal with vehicle and ship fires.
232.0	Electrical cause fires.
233.0	Clothing and fabric fires.
234.0	Explosions.
235.0	Chemical fires and hazardous materials.
236.0	Available lab services.
237.0	Fire related deaths and injuries.
238.0	Arson as a crime.
239.0	Other investigative topics.
Elective: (choose one)	
FFP1793 Fire and Life Safety Educator - Level I	
240.0	Describe an exothermic reaction.
241.0	Explain various terms describing fire behavior.
242.0	Describe hazards associated with fire.

243.0 Describe burn injuries and their care.
244.0 Know and use resources in injury prevention available on a national basis.
245.0 Know and use resources in injury prevention on a statewide basis.
246.0 Know and use resources in injury prevention on a local basis.
247.0 Understand the importance of documentation of activities.
248.0 Given forms and formats, document fire and life safety education programs.
249.0 Given forms and formats, prepare written reports.
250.0 Given a list of events, program requests, etc. maintain a work schedule.
251.0 Demonstrate an understanding of methods used in conducting fire and life safety programs.
252.0 Select instructional materials that are appropriate to the audience and learning objectives.
253.0 Maintain safety during fire and life safety education activities.
254.0 Present a lesson plan.
255.0 Notify the public of an educational event.
256.0 Distribute educational information.
257.0 Administer an evaluation instrument.
258.0 Score and evaluation instrument
FFP2706 Public Information Officer (PIO)
259.0 To train fire rescue department personnel in the role of PIO.
260.0 To give participants an overview of the key functions and responsibilities of the fire rescue department PIO.
261.0 To stress the need for cooperation with the media.
262.0 To show trainees an example of an effective PIO at work at an emergency scene.
263.0 To give trainees an opportunity to practice specific performance based skills required in the PIO function.
264.0 To be familiar with the most current media technology.
265.0 Understand the need for public information policies.
266.0 Understand Incident Command System (ICS), Joint Information Center (JIC), and Joint Information Systems (JIS)
267.0 Discuss unified message.
<u>Optional standards for programs specializing in Fire Investigator I</u>
268.0 Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled--The student will be able to:
268.01 Identify physical properties of the three states of matter.
268.02 Categorize the components of fire.
268.03 Recall the physical and chemical properties of fire.
268.04 Describe and apply the process of burning.
268.05 Define and use basic terms and concepts associated with the chemistry and dynamics of fire.
268.06 Describe the dynamics of fire.
268.07 Discuss various materials and their relationship to fires as fuel.
268.08 Demonstrate knowledge of the characteristics of water as a fire suppression agent.
268.09 Articulate other suppression agents and strategies.
268.10 Compare other methods and techniques of fire extinguishments.

269.0	<u>Demonstrate an understanding of the components of building construction that relate to fire and life safety--The student will be able to:</u>
268.01	Demonstrate an understanding of building construction as it relates to firefighter safety, building codes, fire prevention, code inspection and firefighting strategy and tactics.
268.02	Classify major types of building construction.
268.03	Analyze the hazards and tactical considerations associated with the various types of building construction.
268.04	Explain the different loads and stresses that are placed on a building and their interrelationships.
268.05	Identify the principle structural components of buildings and demonstrate an understanding of the function of each.
268.06	Differentiate between fire resistance and flame spread, and describe the testing procedures used to establish ratings for each.
268.07	Classify occupancy designations of the building code.
268.08	Identify the indicators of potential structural failure as they relate to firefighter safety.
270.0	<u>Demonstrate knowledge of classifications, controls, and applications of automatic sprinkler systems--The student will be able to:</u>
270.01	List and define the classes of automatic sprinkler systems.
270.02	Identify and describe major controls of automatic sprinkler systems.
270.03	Discuss proper installation and application of automatic sprinkler systems for different classes of occupancies.
271.0	<u>Demonstrate knowledge of inspection practices for fire protection systems--The student will be able to:</u>
271.01	Discuss legal requirements for fire protection system inspections.
271.02	Discuss testing of fire protection systems.
272.0	<u>Demonstrate knowledge of classifications, controls, and applications of portable fire extinguishers--The student will be able to:</u>
272.01	List and define the classes of portable fire extinguishers.
272.02	Identify and describe major controls of portable fire extinguishers.
272.03	Discuss proper installation and application of portable fire extinguishers for different classes of occupancies.
273.0	<u>Demonstrate knowledge of water supply for sprinkler and standpipe systems--The student will be able to:</u>
273.01	Identify the major parts of sprinkler systems.
273.02	Identify the major parts of standpipe systems.
273.03	Discuss the use of sprinkler systems in fire suppression tactics of fire departments.
273.04	Discuss the use of standpipe systems in fire suppression tactics of fire departments.
273.05	Discuss the water supply system for sprinklers.
273.06	Discuss the water supply system for standpipes.
274.0	<u>Demonstrate knowledge of acceptance testing for fire protection systems--The student will be able to:</u>
274.01	Define acceptance testing.
274.02	Define compliance testing.
274.03	Discuss acceptance testing procedures for fire protection systems.
275.0	<u>Identify the appropriate certifications for fire extinguishers, hood systems, sprinkler systems, and alarm devices--The student will be able to:</u>
275.01	Identify the certification procedures for portable fire extinguishers.
275.02	Identify the certification procedures for hood systems.
275.03	Identify the certification procedures for sprinkler systems.
275.04	Identify the certification procedures for fire alarm systems.
276.0	<u>Demonstrate knowledge of various extinguishing agents--The student will be able to:</u>
276.01	Discuss the properties of water as a fire extinguishing agent.
276.02	Discuss the properties of dry chemical as a fire extinguishing agent.

276.03	Discuss the properties of carbon dioxide as a fire extinguishing agent.
276.04	Discuss the properties of foam as a fire extinguishing agent.
276.05	Discuss the properties of halon as a fire extinguishing agent.
277.0	<u>Define types of building classifications and construction types--The student will be able to:</u>
277.01	Define and describe the characteristics of single-family residential construction.
277.02	Define and describe the characteristics of multi-family residential construction.
277.03	Define and describe the characteristics of light commercial construction.
277.04	Define and describe the characteristics of heavy commercial construction.
277.05	Define and describe the characteristics of industrial construction.
278.0	<u>Define various loads and forces that affect buildings--The student will be able to:</u>
278.01	Define (a) vertical load, (b) sheer load, (c) torsional load, (d) compressive load, (e) tension load, (f) static load, (g) live load, and (h) fire load.
278.02	Define wind pressure.
278.03	Discuss windstorm provisions of building codes.
279.0	<u>Demonstrate knowledge of various types of building construction and their effect on fire propagation, smoke generation, and control--The student will be able to:</u>
279.01	Define fire propagation.
279.02	Define smoke generation.
279.03	Define fire control.
279.04	Define balloon construction.
279.05	Define tilt-slab construction.
279.06	Define post-and-lintel construction.
279.07	Given a particular occupancy, discuss the likely development of a fire within that type of construction.
280.0	<u>Define the characteristics of various building materials, with particular regard to fire resistance--The student will be able to:</u>
280.01	Discuss the fire resistance characteristics of wood frame construction.
280.02	Discuss the fire resistance characteristics of metal frame construction.
280.03	Discuss the fire resistance characteristics of masonry construction.
280.04	Discuss the fire resistance characteristics of concrete construction
281.0	<u>Define the characteristics of various building types and occupancies, with particular regard to fire load and resistance--The student will be able to:</u>
281.01	Define and describe fire load and resistance in assembly occupancies.
281.02	Define and describe fire load and resistance in educational occupancies.
281.03	Define and describe fire load and resistance in health care occupancies.
281.04	Define and describe fire load and resistance in detention and correctional occupancies.
281.05	Define and describe fire load and resistance in residential occupancies.
281.06	Define and describe fire load and resistance in mercantile occupancies.
281.07	Define and describe fire load and resistance in business occupancies.
281.08	Define and describe fire load and resistance in industrial occupancies.
281.09	Define and describe fire load and resistance in storage occupancies.
282.0	<u>Describe principles of fire resistance, fire growth, and the behavior of fire and smoke in buildings--The student will be able to:</u>

282.01	Define fire resistance.
282.02	Define fire growth.
282.03	Define fire spread.
282.04	Define smoke propagation.
283.0	<u>Demonstrate knowledge of features of matter and energy</u> --The student will be able to:
283.01	Define the physical properties of matter.
283.02	Define the physical properties of energy.
284.0	<u>Demonstrate knowledge of the principles of chemical reaction: oxidation, reduction, and combustion</u> --The student will be able to:
284.01	Define oxidation.
284.02	Define reduction.
284.03	Define combustion.
285.0	<u>Demonstrate knowledge of the fire tetrahedron and principles of extinguishment</u> --The student will be able to:
285.01	List and define the four parts of the fire tetrahedron.
285.02	Discuss the principles of extinguishment.
286.0	<u>Demonstrate knowledge of common elements such as oxygen, hydrogen, fluorine, chlorine, bromine, phosphorus, sulfur, and carbon</u> --The student will be able to:
286.01	Define the properties of oxygen.
286.02	Define the properties of hydrogen.
286.03	Define the properties of fluorine.
286.04	Define the properties of chlorine.
286.05	Define the properties of bromine.
286.06	Define the properties of phosphorus.
286.07	Define the properties of sulfur.
286.08	Define the properties of carbon.
287.0	<u>Demonstrate knowledge of corrosive materials, i.e. acids and bases</u> --The student will be able to:
287.01	Define the physical properties of acids.
287.02	Define the physical properties of bases.
288.0	<u>Demonstrate knowledge of the path of travel of fire, heat, and smoke</u> --The student will be able to:
288.01	Describe the path of travel for gasses in a structure.
288.02	Describe the path of travel for heat and its three modes of transfer in a structure.
289.0	<u>Demonstrate knowledge of the role and responsibilities of the fire investigator</u> --The student will be able to:
289.01	Define the role of the fire investigator.
289.02	Discuss the responsibilities of the fire investigator in terms of state and national standards.
290.0	<u>Demonstrate the ability to differentiate between accidental and incendiary fire causes</u> --The student will be able to:
290.01	Define accidental fire causes.
290.02	Define incendiary fire causes.
291.0	<u>Demonstrate the ability to recognize and report indicators of the point of origin of a fire</u> --The student will be able to:
291.01	List indicators of the point of origin of a fire.
291.02	Identify point of origin indicators.
Optional standards for programs specializing in Fire Investigator II	

292.0	Explain the rule of law as it pertains to arrest, search and seizure procedures and their application to fire investigations.
293.0	Recognize and interpret fire scenes common to various types of fires.
294.0	Describe the chemistry of combustion and the relationship of atoms, elements, compounds, and organic compounds on fire.
295.0	Explain the nature and behavior of fire including the effects of heat.
296.0	Explain and identify the combustion properties of liquids, gases and solid fuels.
297.0	Identify and explain electrical causes of fires.
298.0	List and explain the procedures for lifting fingerprints, evidence collection and preservation.
299.0	List and identify the make-up and use of incendiary devices, explosives, and bombs.
300.0	List the procedures for documenting fire scenes, including sketching, photography, and report writing.
301.0	Analyze fire-related deaths and injuries and describe methods of documentation.
302.0	Identify the techniques for interviewing and questioning suspects and subjects.
303.0	Explain the role of the fire investigator in courtroom proceedings including courtroom demeanor and testifying.
304.0	Identify and list the sources and technology available for fire investigations.
305.0	Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
<u>Optional standards for programs specializing in Fire Instructor</u>	
306.0	Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled--The student will be able to:
306.01	Identify physical properties of the three states of matter.
306.02	Categorize the components of fire.
306.03	Recall the physical and chemical properties of fire.
306.04	Describe and apply the process of burning.
306.05	Define and use basic terms and concepts associated with the chemistry and dynamics of fire.
306.06	Describe the dynamics of fire.
306.07	Discuss various materials and their relationship to fires as fuel.
306.08	Demonstrate knowledge of the characteristics of water as a fire suppression agent.
306.09	Articulate other suppression agents and strategies.
306.10	Compare other methods and techniques of fire extinguishments.
307.0	Demonstrate an understanding of the components of building construction that relate to fire and life safety--The student will be able to:
306.01	Demonstrate an understanding of building construction as it relates to firefighter safety, building codes, fire prevention, code inspection and firefighting strategy and tactics.
306.02	Classify major types of building construction.
306.03	Analyze the hazards and tactical considerations associated with the various types of building construction.
306.04	Explain the different loads and stresses that are placed on a building and their interrelationships.
306.05	Identify the principle structural components of buildings and demonstrate an understanding of the function of each.
306.06	Differentiate between fire resistance and flame spread, and describe the testing procedures used to establish ratings for each.
306.07	Classify occupancy designations of the building code.
306.08	Identify the indicators of potential structural failure as they relate to firefighter safety.
306.09	Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training

	and research and the reduction of emergency risks and accidents.
308.0	<u>Understand adult learning strategies and concepts</u> --The student will be able to:
	308.01 Understand the nature of adult learning.
	308.02 Discuss the concerns about active training.
	308.03 Understand the concepts involved in the delivery of active training.
309.0	<u>Begin an active training program</u> --The student will be able to:
	309.01 Prepare mentally to instruct.
	309.02 Arrange the physical training environment.
	309.03 Greet participants and establish rapport.
	309.04 Get the best from the first thirty minutes of training.
	309.05 Review the agenda.
	309.06 Invite feedback to the agenda.
310.0	<u>Gain leadership of the training group</u> --The student will be able to:
	310.01 Set group norms.
	310.02 Control timing and pacing.
	310.03 Get the group's attention.
	310.04 Increase student receptivity to leadership.
	310.05 Handle problem situations.
311.0	<u>Give presentations and lead discussions</u> --The student will be able to:
	311.01 Know their group.
	311.02 Organize their presentation.
	311.03 Watch their body language.
	311.04 Add visual aids.
	311.05 Make smooth transitions.
312.0	<u>Facilitate structured activities and promote team learning</u> --The student will be able to:
	312.01 Structure activities.
	312.02 Facilitate team learning.
313.0	<u>Conclude and evaluate an active training program</u> --The student will be able to:
	313.01 Review program content.
	313.02 Obtain final questions and concerns.
	313.03 Promote self-assessment.
	313.04 Focus on back-on-the-job applications.
	313.05 Express final sentiments.
	313.06 Evaluate the program.
314.0	List and describe the five phases of the instructional design process.
315.0	Construct goals and objectives for a class.
316.0	Explain how a lesson plan is used.
317.0	Develop a plan for professional development as a fire service instructor.
318.0	Describe the role of mentors.
319.0	Identify various continuing professional development opportunities.

320.0	Discuss the value of using a library as fire service instructors.
321.0	Describe research as it pertains to the fire service instructor.
322.0	Describe various ways to obtain professional development opportunities.
323.0	Describe Fire and Emergency Services Higher Education (FESHE) and how it affects the fire service instructor.
324.0	Discuss the benefits of Training Resources and Data Exchange (TRADE) to the fire service Instructor.
325.0	Establish a classroom environment that meets the legal ramifications as specified by local, state, and federal rules, regulations, and standards.
326.0	Discuss the NFPA role in standards development.
327.0	List and relate the various NFPA standards relative to the fire service instructor.
328.0	List and discuss the role of local, state, and federal agencies relative to the fire service instructor.
329.0	Define negligence and its affect on the fire service instructor.
330.0	Describe what constitutes harassment.
331.0	Discuss academic honesty and privacy issues.
332.0	Explain the affects of ADA relative to fire service instructors.
333.0	Explain copyright and how it applies to instructors.
334.0	Construct, administer, and evaluate an assessment instrument.
335.0	Define the four levels of evaluation.
336.0	Differentiate between summative and formative evaluation.
337.0	Define the different kinds of tests.
338.0	Discuss the difference among the various types of tests.
339.0	List various sources for tests.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

This program does not complete the requirements to be eligible to sit for Bureau of Fire Standards and Training (BFST) certification exams. A student must contact the Bureau of Fire Standards and Training (BFST) for additional requirements.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan

with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Certificate Programs

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.). This AS degree program includes the following College Credit Certificates:

Fire Officer I	0743020109	24 credit hours
Fire Officer II	0743020104	18 credit hours
Fire Company Management	0743020202	15 credit hours
Firesafety Inspector I	0743020108	15 credit hours
Firesafety Inspector II	0743020110	12 credit hours
Fire Investigator I	0743020105	12 credit hours
Fire Investigator II	0743020106	12 credit hours
Fire Instructor	0743020107	6 credit hours

Standards for the above certificate programs are contained in separate curriculum frameworks.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Fire Science Technology
Career Cluster: Law, Public Safety and Security

AS

CIP Number	1743020112
Program Type	College Credit
Standard Length	60 credit hours
CTSO	N/A
SOC Codes (all applicable)	33-1021 Municipal Fire Fighting and Prevention Supervisors
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to prepare students for employment as Firefighting and Prevention Supervisors (SOC 33-1021) to supervise or manage firefighters who control and extinguish fires, protect life and property, and conduct rescue efforts. The program may also be beneficial to professionals seeking incentive benefits or career enhancement in the field.

This program does not prepare students for certification as fire fighters. A student must successfully complete the basic recruit program in firefighting to become certified, pursuant to Chapter 633, Florida Statutes.

This program does not complete the requirements to be eligible to sit for Bureau of Fire Standards and Training (BFST) certification exams. A student must contact the Bureau of Fire Standards and Training (BFST) for additional requirements.

Program Structure

This program is a planned sequence of instruction consisting of 60 credit hours.

Reinforcement of basic skills in English, mathematics, and science appropriate for the job preparatory programs is provided through vocational classroom instruction and applied laboratory procedures or practice. This program focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the public service industry; planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues and health, safety and environmental issues.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled.
- 02.0 Comprehend the concepts of building construction components and techniques related to fire and life safety.
- 03.0 Understand the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, utilization of fire and life-safety codes, identification and correction of fire hazards, and the relationships of fire prevention with fire protection systems, fire investigation, and fire and life-safety education.
- 04.0 Understand the principles of the use of water in fire protection and how to apply hydraulic principles to analyze and to solve water supply problems.
- 05.0 Describe the features of design and operation of fire alarm systems, water-based fire suppression systems, special hazard fire suppression systems, and water supply for fire protection and portable fire extinguishers.
- 06.0 Discuss fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection/service; fire loss analysis; organization, management, and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; and specific fire protection functions.
- 07.0 Examine the organization and management of a fire department and the relationship of government agencies to the fire service.
- 08.0 Define risk evaluation and control procedures for fire stations, training sites, emergency vehicles, and emergency situations involving fire, EMS, hazardous materials, terrorism, and technical rescue.
- 09.0 Discuss the federal, state, and local laws that regulate emergency services, national standards influencing emergency services, standard of care, tort, liability, and a review of court cases.
- 10.0 Analyze the principles of fire control through utilization of personnel, equipment, and extinguishing agents on the fire ground.
- 11.0 Identify the fundamentals and technical knowledge needed for proper fire scene interpretations, including recognizing and conducting origin and cause, preservation of evidence and documentation, scene security, motives of the fire setter, and types of fire causes.
- 12.0 Comprehend basic chemistry relating to the categories of hazardous materials including problems of recognition, reactivity, and health encountered by firefighters.
- 13.0 Describe and discuss methods of instruction involved in planning and conducting an effective training program for adult learners.

Florida Department of Education
Student Performance Standards

Program Title: Fire Science Technology
 CIP Numbers: 1743020112
 Program Length: 60 credit hours
 SOC Code(s): 33-1021

The AS degree requires the inclusion of a minimum of 15 credits of general education coursework according to SACS, and it must be transferable according to Rule 6A-14.030 (2), F.A.C. At the completion of this program, the student will be able to:

01.0	Explore the theories and fundamentals of how and why fires start, spread, and how they are controlled--The student will be able to:
01.01	Identify physical properties of the three states of matter.
01.02	Describe the components of fire.
01.03	Recall the physical and chemical properties of fire.
01.04	Describe and apply the process of combustion and burning.
01.05	Discuss the basic terms and concepts associated with the chemistry and dynamics of fire and combustion.
01.06	Describe the dynamics of fire.
01.07	Discuss various materials and their relationship to fires as fuel.
01.08	Summarize the characteristics of water as a fire suppression agent.
01.09	Discuss other-than-water suppression agents and strategies.
01.10	Compare methods and techniques of fire extinguishments.
01.11	Describe the basic components of fire as a chemical reaction.
02.0	Comprehend the concepts of building construction components and techniques related to fire and life safety. --The student will be able to:
02.01	Describe building construction components and techniques as they relate to building codes, fire and life-safety codes, fire prevention and inspection, firefighter safety, and firefighting strategy and tactics.
02.02	Distinguish the Classifications of major types of building construction as applicable with “model” building codes.
02.03	Interpret the hazards and tactical considerations associated with the various types of building construction.
02.04	Explain the different loads and stresses that are placed on a building and their interrelationships.

02.05	Indicate principle structural components in a typical building design.
02.06	Explain the function of each building design.
02.07	Compare defined differences in fire resistance construction, the flame spread within building types, and describe the testing procedures used to establish ratings for each.
02.08	Classify occupancy designations of the building and fire code.
02.09	Identify the indicators of potential structural failure as they relate to firefighter safety.
02.10	Identify and analyze the causes involved in the line of duty firefighter deaths related to structural firefighting and building collapse.
02.10	Explain the various loads and stresses exerted on a building resulting from environmental sources.
02.11	Indicate building construction components and techniques used to resist forces due to environmental causes.
03.0	Understand the history and philosophy of fire prevention, including code enforcement, public information, organization and operation of a fire prevention bureau, utilization of fire codes, identification and correction of fire hazards, and the relationships of fire prevention with built-in fire protection systems, fire investigation, and fire and life-safety education--The student will be able to:
03.01	Define the national fire problem and main issues relating thereto and the role of fire prevention.
03.02	Recognize the need, responsibilities, and importance of fire prevention as part of an overall mix of fire protection.
03.03	Recognize the need, responsibilities, and importance of fire prevention organizations and associations.
03.04	Discuss minimum professional qualifications at the state and national level for Fire Inspector, Fire Investigator, and Public Educator.
03.05	Define the functions of a fire prevention bureau as well as the elements of a plan review program.
03.06	Identify the laws, rules, codes, and other regulations relevant to fire protection of the authority having jurisdiction.
03.07	Discuss training programs and media programs for fire prevention.
03.08	Describe the history and philosophy of fire prevention
03.09	Discuss the major programs for public education.
03.10	Identify the methods of effective management of life and fire-safety programs.
04.0	Understand the principles of the use of water in fire protection and how to apply hydraulic principles to analyze and to solve water supply problems--The student will be able to:
04.01	Apply mathematics and physics to the movement of water for fire suppression activities.
04.02	Comprehend the design principles of fire service pumping apparatus.
04.03	Describe the basic elements of a public water supply system including sources, distribution networks, piping, hydrants and the community fire flow demand criteria.

04.04	Describe the principles of forces that affect water at rest and in motion.
05.0	Describe the features of design and operation of fire alarm systems, water-based fire suppression systems, special hazard fire suppression systems, and water supply for fire protection and portable fire extinguishers--The student will be able to:
05.01	Explain the benefits of fire protection systems in various types of structures.
05.02	Describe the basic elements of a public water supply system including sources, distribution networks, piping and hydrants.
05.03	Explain why water is a widely used extinguishing agent and how water extinguishes fires.
05.04	Identify the different types and components of sprinkler, standpipe and foam systems.
05.05	Define the benefits of residential sprinkler legislation in NFPA 13.
05.06	Identify sprinkler design requirements for residential occupancies NFPA 13R
05.07	Identify five different types of non-water based fire suppression systems and describe how these systems extinguish fire.
05.08	Describe the basic components of a fire alarm system.
05.09	Compare defined differences in fire resistant construction and the flame spread within building types.
05.10	05.10 Describe testing procedures used to establish ratings for fire resistance and flame spread.
05.11	Identify different types of fire and smoke detectors and explain how they detect fire.
05.12	Describe the hazards of smoke and list the factors that can influence smoke movement in a building.
05.13	Recognize the appropriate application of the different sprinkler-system designs and head types.
05.14	Explain the operation and appropriate application for the different types of portable fire extinguishing systems.
05.15	Identify portable fire extinguisher inspection and testing requirements for all types of extinguishers.
06.0	Discuss fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection/service; fire loss analysis; organization, management, and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; and introduction to fire strategy and tactics--The student will be able to:
06.01	Describe and discuss the components of the history and philosophy of the modern day fire service.
06.02	Describe the fire service training requirements; standards and laws associated with training; and the value of higher-education in the fire service.
06.03	List and describe local, regional, state, and national organizations that provide emergency response service and their interrelation to how they impact policies rules, training and laws.
06.04	Identify fire protection and emergency-service careers in both the public and in the private sector.

06.05	Synthesize the role of local, regional, state, and national local support organizations in fire protection and emergency services.
06.06	Describe the scope, purpose, and organizational structure of fire and emergency services organizations.
06.07	Describe the common types of fire and emergency services facilities, equipment, and apparatus.
06.08	Compare and contrast effective management concepts for various emergency situations.
07.0	Examine the organization and management of a fire department and the relationship of government agencies to the fire service--The student will be able to:
07.01	List employment opportunities in public safety as well as the prerequisites required to be considered for the positions in the field.
07.02	Identify Public Safety career development practices.
07.03	Explain written and verbal communication skills and their importance in public safety.
07.04	Describe the concepts of span and control, effective delegation and division of labor management principles and concepts.
07.05	Recognize appropriate appraising and disciplinary actions and the impact on employee behavior.
07.06	Summarize the history and development of management and supervision.
07.07	Evaluate methods of managing available resources.
07.08	Identify roles and responsibilities of fire department personnel and management/leadership positions.
07.09	Compare and contrast the traits of effective versus ineffective supervision and management styles.
07.10	Identify and discuss safety needs for both emergency and non-emergency situations.
07.11	Defend the importance of ethics in the public safety work environment as they apply to supervisors.
07.12	Identify the roles of company officers in current Incident Command/Management systems to include: ICS, NIMS, and Unified Command.
07.13	Demonstrate business writing principles, report writing and recording concepts and describe appropriate documentation and legal requirements for fire department reports and forms using effective writing techniques
08.0	Define risk evaluation and control procedures for fire stations, training sites, emergency vehicles, and emergency situations involving fire, EMS, hazardous materials, terrorism, and technical rescue--The student will be able to:
08.01	Describe the history of wellness and safety programs.
08.02	Identify occupational wellness safety programs in industry today.
08.03	Identify occupational wellness and safety programs for the emergency services.
08.04	Describe the distinction between standards and regulations.

08.05	Identify federal regulations that impact on health and safety programs.
08.06	Identify the standards that impact on occupational wellness and safety.
08.07	Identify the concepts of risk identification and risk evaluation.
08.08	Describe the considerations for safety in fire stations and emergency response vehicles.
08.09	Describe the components of an effective response safety plan.
08.10	Describe the components of the pre-incident planning process.
08.11	Describe the considerations for safety while training.
08.12	Define the value of personal protective equipment.
08.13	Describe the components of accountability system in emergency operations.
08.14	Define incident priorities and how they relate to health and safety.
08.15	Describe the relationship of incident management as it relates to health and safety.
08.16	Describe the methods of controlling hazards associated with responding to EMS, hazmat, terrorism related events, and technical rescue incidents.
08.17	Explain the purpose and process for post-incident analysis.
08.18	Describe the components and value of critical incident stress management programs.
08.19	Describe the responsibilities of individual responders, supervisors, safety officers, and incident commanders, safety program managers, safety committees and fire department managers as they relate to health and safety programs.
08.20	Describe the responsibility of a safety officer as established within the Incident Command System (ICS).
08.21	Describe the components of a wellness/fitness plan.
09.0	Discuss the federal, state, and local laws that regulate emergency services, national standards influencing emergency services, standard of care, tort, liability, and a review of court cases--The student will be able to:
09.01	Define the different types of laws; explain their basic differences, and how the law functions in society.
09.02	Describe federal, state, and local laws, which regulate or influence emergency services.
09.03	Explain the role and purpose of national codes and standards concerning their legal influence on public safety.
09.04	Discuss legal decisions affecting the management, training, equipment and response procedures of the fire service.
09.05	Discuss the organization and legal structure of the fire department.

09.06	Define firefighter liabilities.
09.07	Recognize legal duties of emergency service members.
09.08	Discuss negligence in an emergency setting.
09.09	Define discrimination and identify areas of potential discrimination in the emergency service as it relates to state and federal laws.
09.10	Identify, explain and discuss the legalities of public safety employment entrance requirements, residency, grooming, and drug testing.
09.11	Discuss the scope of the civil rights act.
09.12	Explain the federal and state employment laws including the basic intent of the Fair Labor Standards Act, Americans with Disabilities Act (ADA), and Family Medical Leave Act (FMLA).
09.13	Define the at-will doctrine for employment.
09.14	Discuss the purpose of labor and employment laws.
10.0	Analyze the principles of fire control through utilization of personnel, equipment, and extinguishing agents on the fire ground--The student will be able to:
10.01	Describe fire behavior and the chemistry of fire.
10.02	Explain the main components of pre-fire planning and can identify steps to complete a pre-fire plan review.
10.03	Explain building construction and components and how they interrelate to pre-fire planning.
10.04	Identify steps taken during size-up and recognize the order in which they will take place at an incident.
10.05	Describe concepts for effectiveness of fire ground communications
10.06	Define the main functions within an IMS system and how they interrelate during an incident.
10.07	Identify concepts for managing resources for expanding incidents.
11.0	Identify the fundamentals and technical knowledge needed for proper fire scene interpretations, including recognizing and conducting origin and cause, preservation of evidence and documentation, scene security, motives of the fire setter, and types of fire causes--The student will be able to:
11.01	Identify the responsibilities of a firefighter when responding to the scene of a fire, including scene security and evidence preservation.
11.02	Describe the implications of constitutional amendments as they apply to fire investigations.
11.03	Describe six motives for incendiary fires.
11.04	Identify key case law decisions that have affected fire investigations.
11.05	Define the common terms used in fire investigations.

11.06	Assess and compare the major (USFA-NFPA) fire data collection systems, methods, and analytical techniques used to quantify and qualify the nation's fire loss experience.
11.07	Explain the basic elements of fire dynamics and how they affect cause determination.
11.08	Compare the types of building construction on fire progression.
11.09	Describe how fire progression is affected by fire protection systems and building design.
11.10	Discuss the basic principles of electricity as an ignition source.
11.11	Describe the process of conducting investigations using the scientific method.
11.12	Identify the characteristics of an incendiary fire and common motives of the fire setter.
11.13	Compare and contrast local, state, or national fire data trends related to fire cause, property type, deaths, injuries, and dollar loss as a result of both accidental fires and arson.
12.0	Comprehend basic chemistry relating to the categories of hazardous materials including problems of recognition, reactivity, and health encountered by firefighters--The student will be able to:
12.01	Identify the common elements by their atomic symbols on the Periodic Table and demonstrate an understanding of why the table is organized into columns and groups.
12.02	Describe elements, compounds and mixtures, and give examples of each.
12.03	Explain the difference between ionic and covalent bonding and be able to predict when each will occur.
12.04	Summarize the basic chemistry involved with common hydrocarbon derivatives.
12.05	Describe the basic chemical and physical properties of gases, liquids and solids, and predict the behavior of a substance under adverse condition.
12.06	Describe the basic chemistry and hazards involved with the nine U.S. Department of Transportation hazard classes and their divisions.
12.07	Explain facility occupancy, transportation documents, shape and size of containers, and Material Safety Data Sheets (MSDS) to recognize the physical state and potential hazards of reactivity related to firefighter wellness and safety.
12.08	Demonstrate the ability to utilize guidebooks and determine an initial course of action for emergency responders.
13.0	Describe and discuss methods of instruction involved in planning and conducting an effective training program for adult learners. --The student will be able to:
13.01	Define various roles of an instructor.
13.02	Define characteristics of an instructor.
13.03	Describe the responsibilities of an instructor.
13.04	Explain how ethics influence students and instruction in a classroom.

13.05	Explain legal issues faced by instructors.
13.06	Identify difficult students and how to deal with them.
13.07	Describe types of feedback.
13.08	Discuss the instructor's role in safety in the classroom.
13.09	Describe and discuss the characteristics and motivation of adult learners.
13.11	Define the four levels of evaluation.
13.12	Describe the elements of an effective training program.
13.13	Identify questions that should be asked when planning a training program.
13.14	List methods used to evaluate a program.
13.15	Identify the components of a training proposal.
13.16	Recognize what needs to be kept in training records.
13.17	Identify concerns when choosing instructors and facilities.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

This program does not complete the requirements to be eligible to sit for Bureau of Fire Standards and Training (BFST) certification exams. A student must contact the Bureau of Fire Standards and Training (BFST) for additional requirements.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Certificate Programs

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, which is part of an AS or AAS degree program and prepares students for entry into employment (Rule 6A-14.030, F.A.C.). This AS degree program includes the following College Credit Certificates:

Fire Officer Supervisor (0743020111) – 12 credit hours

Standards for the above certificate programs are contained in separate curriculum frameworks.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.shtml>

Florida Department of Education
Curriculum Framework

Course Title: Law, Public Safety & Security Education Directed Study
(Public Service Education Directed Study)
Career Cluster: Law, Public Safety & Security

Secondary – Career Preparatory

Course Number	8900100
CIP Number	0743999910
Grade Level	11-12, 30, 31
Standard Length	Multiple
Teacher Certification	ANY PUBLIC SERV OCC ED G LAW ENF@7 7 G CORR OFF 7 G
CTSO	SkillsUSA, FPSA
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

The purpose of this course is to provide students with learning opportunities in a prescribed program of study within the Law, Public Safety & Security cluster(s) that will enhance opportunities for employment in the career field chosen by the student.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Course Structure

The content is prescribed by the instructor based upon the individual student's assessed needs for directed study.

This course may be taken only by a student who has completed or is currently completing a specific secondary job preparatory program or occupational completion point for additional study in this career cluster. A student may earn multiple credits in this course.

The selected standards and benchmarks, which the student must master to earn credit, must be outlined in an instructional plan developed by the instructor.

Common Career Technical Core – Career Ready Practices

Career Ready Practices describe the career-ready skills that educators should seek to develop in their students. These practices are not exclusive to a Career Pathway, program of study, discipline or level of education. Career Ready Practices should be taught and reinforced in all career exploration and preparation programs with increasingly higher levels of complexity and expectation as a student advances through a program of study.

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly, effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.
10. Plan education and career path aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural/global competence.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Demonstrate expertise in a specific occupation contained within the career cluster.
- 02.0 Conduct investigative research on a selected topic related to the career cluster using approved research methodology, interpret findings, and prepare presentation to defend results.
- 03.0 Apply enhanced leadership and professional career skills.
- 04.0 Demonstrate higher order critical thinking and reasoning skills appropriate for the selected program of study.

**Florida Department of Education
Student Performance Standards**

Course Title: Law, Public Safety & Security Education Directed Study
(Public Service Education Directed Study)
Course Number: 8900100
Course Credit: 1

CTE Standards and Benchmarks	
01.0	Demonstrate expertise in a specific occupation within the career cluster--The student will be able to:
01.01	The benchmarks will be selected from the appropriate curriculum frameworks and determined by the instructor based upon the individual students assessed needs.
02.0	Conduct investigative research on a selected topic related to the career cluster using approved research methodology, interpret findings, and prepare presentation to defend results--The student will be able to:
02.01	Select investigative study referencing prior research and knowledge.
02.02	Collect, organize and analyze data accurately and precisely.
02.03	Design procedures to test the research.
02.04	Report, display and defend the results of investigations to audiences that may include professionals and technical experts.
03.0	Apply enhanced leadership and professional career skills--The student will be able to:
03.01	Develop and present a professional presentation offering potential solutions to a current issue.
03.02	Enhance leadership and career skills through work-based learning including job placement, job shadowing, entrepreneurship, internship, or a virtual experience.
03.03	Participate in leadership development opportunities available through the appropriate student organization and/or other professional organizations.
03.04	Enhance written and oral communications through the development of presentations, public speaking, and live and/or virtual interviews.
04.0	Demonstrate higher order critical thinking and reasoning skills appropriate for the selected program of study--The student will be able to:
04.01	Use mathematical and/or scientific skills to solve problems encountered in the chosen occupation.
04.02	Read and interpret information relative to the chosen occupation.
04.03	Locate and evaluate key elements of oral and written information.
04.04	Analyze and apply data and/or measurements to solve problems and interpret documents.

04.05 Construct charts/tables/graphs using functions and data.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Career and Technical Student Organization (CTSO)

SkillsUSA, FPSA are the inter-curricular career and technical student organization(s) providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. The activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065, F.A.C.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an IEP served in Exceptional Student Education (ESE)) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Some secondary students with disabilities (ESE) may need additional time (i.e., longer than the regular school year), to master the student performance standards associated with a regular Occupational Completion Point (OCP) or a Modified Occupational Completion Point (MOCP). If needed, a student may enroll in the same career and technical course more than once. Documentation should be included in the IEP that clearly indicates that it is anticipated that the student may need an additional year to complete an OCP/MOCP. The student should work on different competencies and new applications of competencies each year toward completion of the OCP/MOCP. After achieving the competencies identified for the year, the student earns credit for the course. It is important to ensure that credits earned by students are reported accurately. The district's information system must be designed to accept multiple credits for the same course number for eligible students with disabilities.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Course Title: Exploration of Criminal Justice Occupations
Course Type: Orientation/Exploratory and Career Planning
Career Cluster: Law, Public Safety & Security

Secondary – Middle School

Program Number	8900220
CIP Number	0743019904
Grade Level	6-8
Standard Length	Semester
Teacher Certification	LAW ENF @7 7 G CORR OFF 7 G ANY PUB SERV OCC ED G
CTSO	SkillsUSA, FPSA Inc.
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Law, Public Safety & Security career cluster. The student will be provided with basic information about the kinds of jobs and workers involved, the various career paths, occupational hazards, educational requirements, financial rewards, interpersonal and communication skills, and employability skills required. Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Demonstrate an understanding of the Legal services career pathway.
- 02.0 Demonstrate an understanding of the Security and protective services career pathway.
- 03.0 Demonstrate an understanding of the Law enforcement services career pathway.
- 04.0 Demonstrate an understanding of the Correction services career pathway.
- 05.0 Apply leadership and communication skills.
- 06.0 Describe how information technology is used in the Law, Public Safety and Security career cluster.
- 07.0 Use information technology tools.
- 08.0 Identify components of Criminal Investigations.
- 09.0 Describe and use communication protocols for Law, Public Safety & Security career cluster.

**Florida Department of Education
Student Performance Standards**

Course Title: Exploration of Criminal Justice Occupations
Course Number: 8900220
Course Credit: Semester

Course Description:

The program of study explores the law enforcement system, the court system, the correctional system, the correctional probation system, public safety telecommunications and private security officer careers.

CTE Standards and Benchmarks	
01.0	Demonstrate an understanding of the Legal services career pathway. – The student will be able to:
01.01	Define and use proper terminology associated with the Legal services career pathway.
01.02	Describe some of the careers available in the Legal services career pathway.
01.03	Identify common characteristics of the careers in the Legal services career pathway.
01.04	Research the history of the Legal services career pathway and describe how the associated careers have evolved and impacted society.
01.05	Identify skills required to successfully enter any career in the Legal services career pathway.
01.06	Describe technologies associated in careers within the Legal services career pathway.
02.0	Demonstrate an understanding of the Security and protective services career pathway. – The student will be able to:
02.01	Define and use proper terminology associated with the Security and protective services career pathway.
02.02	Describe some of the careers available in the Security and protective services career pathway.
02.03	Identify common characteristics of the careers in the Security and protective services career pathway.
02.04	Research the history of the Security and protective services career pathway and describe how the careers have evolved and impacted society.
02.05	Identify skills required to successfully enter any career in the Security and protective services career pathway.
02.06	Describe technologies associated in careers within the Security and protective services career pathway.
03.0	Demonstrate an understanding of the Law enforcement services career pathway. – The student will be able to:

CTE Standards and Benchmarks

03.01 Define and use proper terminology associated with the Law enforcement services career pathway.

03.02 Describe some of the careers available in the Law enforcement services career pathway to include:

- a. Law Enforcement
- b. K-9
- c. Dispatch
- d. Traffic Enforcement
- e. Investigations
- f. Agriculture Officer
- g. Marine Patrol
- h. Aviation Officer

03.03 Research the history of the Law enforcement services career pathway and describe how the careers have evolved and impacted society from the 1970's to present day.

03.04 Identify skills required to successfully enter any career in the Law enforcement services career pathway to include:

- a. FBI Academy
- b. FLETC
- c. Florida Law Enforcement Academy

03.05 Describe technologies associated in careers within the Law enforcement services career pathway to include:

- a. Forensics
- b. Cyber Crime
- c. Crime Prevention

04.0 Demonstrate an understanding of the Correction services career pathway. – The student will be able to:

04.01 Define and use proper terminology associated with the Correction services career pathway for officer level.

04.02 Describe some of the careers available in the Correction services career pathway to include:

- a. Officer
- b. Probation
- c. Psychology
- d. Medical
- e. Social Services
- f. Food Services
- g. Gang Investigators

04.03 Identify common characteristics of the careers in the Correction services career pathway.

04.04 Research the history of the Correction services career pathway and describe how the careers have evolved and impacted society from 1970's to present.

04.05 Identify skills required to successfully enter any career in the Correction services career pathway to include:

- a. Prison Construction
- b. Digital Courts
- c. Audio/Visual Monitoring

CTE Standards and Benchmarks

04.06 Describe technologies associated in careers within the Correction services career pathway.

05.0 Apply leadership and communication skills. – The student will be able to:

05.01 Discuss the establishment and history of the FPSA organization.

05.02 Identify the characteristics and responsibilities of organizational leaders.

05.03 Demonstrate parliamentary procedure skills during a meeting.

05.04 Participate on a committee which has an assigned task and report to the class.

05.05 Demonstrate effective communication skills through delivery of a speech, a powerpoint, or conducting a demonstration.

05.06 Use a computer to assist in the completion of a project related to the Law, Public Safety and Security career cluster.

06.0 Describe how information technology is used in the Law, Public Safety and Security career cluster. – The student will be able to:

06.01 Identify information technology (IT) careers in the Law, Public Safety and Security career cluster, including the responsibilities, tasks and skills they require to include:
a. NCIC/FCIC
b. CAD System in Dispatch
c. Computer Forensics
d. Encryption

06.02 Research information technology career for a presentation.

06.03 Identify security-related ethical and legal IT issues faced by professionals in the Law, Public Safety and Security career cluster to include:
a. confidentiality
b. personal information (personal computer use)

07.0 Use information technology tools. – The student will be able to:

07.01 Identify the functions of web browsers, and use them to access the World Wide Web and other computer resources typically used in Law, Public Safety and Security career cluster.

07.02 Use e-mail clients to send simple messages and files to other Internet users.

07.03 Demonstrate ways to communicate effectively using Internet technology.

07.04 Use different types of web search engines effectively to locate information relevant to the Law, Public Safety and Security career cluster.

08.0 Identify components of Criminal Investigations.—The student will be able to:

08.01 Describe some careers available in criminal investigations to include:
a. crime scene technician

CTE Standards and Benchmarks

b. crime lab technician

08.02 Identify evidence is at a crime scene.

08.03 Describe how to collect evidence at a crime scene.

08.04 Demonstrate the skills for lifting latent prints.

08.05 Participate in processing a mock crime scene.

09.0 Describe and use communication protocols for Law, Public Safety & Security career cluster.-- The student will be able to:

09.01 Define what a MDT (Mobile Data Terminal) and how it is used.

09.02 Describe the different types of dispatching organizations.

09.03 Identify the correct identification of the phonetic alphabet.

09.04 Identify and use proper radio procedures for communicating.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Career and Technical Student Organization (CTSO)

SkillsUSA and FPSA are the inter-curricular career and technical student organization(s) providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. The activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065, F.A.C.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an IEP served in Exceptional Student Education (ESE)) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fl DOE.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Course Title: Law, Public Safety & Security Cooperative Education – OJT
(Public Service Cooperative Education – OJT)
Course Type: Career Preparatory
Career Cluster: Law, Public Safety and Security

Secondary – Cooperative Education - OJT

Course Number	8900410
CIP Number	07439999CP
Grade Level	9-12, 30, 31
Standard Length	Multiple credits
Teacher Certification	ANY PUBLIC SERV OCC ED G LAW ENF @7 7G CORR OFF 7G
CTSO	Skills USA, FPSA Inc.
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security cluster(s); provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security cluster(s).

Each student job placement must be related to the job preparatory program in which the student is enrolled or has completed.

The purpose of this course is to provide the on-the-job training component when the **cooperative method of instruction** is appropriate. Whenever the cooperative method is offered, the following is required for each student: a training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student **must be compensated** for work performed.

The teacher/coordinator must meet with the site supervisor a minimum of once during each grading period for the purpose of evaluating the student's progress in attaining the competencies listed in the training plan.

Law, Public Safety and Security Cooperative Education - OJT may be taken by a student for one or more semesters. A student may earn multiple credits in this course. The specific student performance standards which the student must achieve to earn credit are specified in the Cooperative Education - OJT Training Plan.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Common Career Technical Core – Career Ready Practices

Career Ready Practices describe the career-ready skills that educators should seek to develop in their students. These practices are not exclusive to a Career Pathway, program of study, discipline or level of education. Career Ready Practices should be taught and reinforced in all career exploration and preparation programs with increasingly higher levels of complexity and expectation as a student advances through a program of study.

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly, effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.
10. Plan education and career path aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural/global competence.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Perform designated job skills.
- 02.0 Demonstrate work ethics.

Florida Department of Education
Student Performance Standards

Program Title: Law, Public Safety & Security Cooperative Education – OJT
(Public Service Cooperative Education – OJT)
Secondary Number: 8900410

Standards and Benchmarks	
01.0	Perform designated job skills--The student will be able to:
01.01	Perform tasks as outlined in the training plan.
01.02	Demonstrate job performance skills.
01.03	Demonstrate safety procedures on the job.
01.04	Maintain appropriate records.
01.05	Attain an acceptable level of productivity.
01.06	Demonstrate appropriate dress and grooming habits.
02.0	Demonstrate work ethics--The student will be able to:
02.01	Follow directions.
02.02	Demonstrate good human relations skills on the job.
02.03	Demonstrate good work habits.
02.04	Demonstrate acceptable business ethics.

Additional Information

Special Notes

The **Cooperative Education Manual** is available on-line and has guidelines for students, teachers, employers, parents and other administrators and sample training agreements. It can be accessed on the DOE Website at <http://www.fldoe.org/core/fileparse.php/3/urllt/steps-manual.pdf>.

Career and Technical Student Organization (CTSO)

SkillsUSA and FPSA are the inter-curricular career and technical student organization(s) providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. The activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065, F.A.C.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Some secondary students with disabilities may need additional time (beyond the regular school year) to master the student performance standards associated with a regular Occupational Completion Point (OCP) or a Modified Occupational Completion Point (MOCP). If needed, a student may enroll in the same career and technical course more than once. Documentation should be included in the IEP that clearly indicates that it is anticipated that the student may need an additional year to complete an OCP/MOCP. The student should work on different competencies and new applications of competencies each year toward completion of the OCP/MOCP. After achieving the competencies identified for the year, the student earns credit for the course. It is important to ensure that credits earned by students are reported accurately. The district's information system must be designed to accept multiple credits for the same course number for eligible students.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Criminal Justice Operations
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

Secondary – Career Preparatory

Program Number	8918000
CIP Number	0743010305
Grade Level	9-12
Standard Length	4 credits
Teacher Certification	LAW ENF @7 7 G PUB SERV 7 G CORR OFF 7 G
CTSO	SkillsUSA, FPSA, Inc.
SOC Codes (all applicable)	13-1041 Compliance Officers 33-9090 Miscellaneous Protective Service Workers 19-4092 Forensic Science Technicians 23-2011 Paralegals and Legal Assistants 33-3041 Parking Enforcement Workers
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion point. In the secondary program, the fourth course is comprised of two (2) tracks and is intended to provide flexibility for students in the last year of the Criminal Justice program.

Track 1 is comprised of Standards 31 – 43 and is a one credit course focused on the Public Service Aide.

Track 2 is comprised of Standards 44 - 55 and is a one credit course focused on the administrative aspects of the legal system.

To complete the program, students must complete either Track 1 or Track 2.

The following table illustrates the secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code	Level	Graduation Requirements
A	8918010	Criminal Justice Operations 1	1 credit	33-9090	2	VO
	8918020	Criminal Justice Operations 2	1 credit	33-3041	2	VO
	8918030	Criminal Justice Operations 3	1 credit	19-4092	3	VO
	*8918040	Criminal Justice Operations 4 (Track 1)	1 credit	13-1041	3	VO
	*8918040	Criminal Justice Operations 4 (Track 2)	1 credit	23-2011	3	VO

***See program structure section above for optional tracks for Criminal Justice Operations 4.**

Graduation Requirement Abbreviations- EQ= Equally Rigorous Science, PA= Practical Arts, EC= Economics, VO= Career and Technical Education)

Academic Alignment Table

Academic alignment is an ongoing, collaborative effort of professional educators specializing in the fields of science, mathematics, English/language arts, and Career and Technical Education (CTE). This initiative supports CTE programs by improving student performance through the integration of academic content within CTE courses. Career and Technical Education courses that have been aligned to the Next Generation Sunshine State Standards for Science and the Florida Standards for Mathematics and English/Language Arts will show the following data: the quantity of academic standards in the CTE course; the total number of standards contained in the academic course; and the percentage of alignment to the CTE course.

Courses	Anatomy/ Physiology Honors	Astronomy Solar/Galactic Honors	Biology 1	Chemistry 1	Earth- Space Scienc e	Genetics	Marine Science 1 Honors	Marine Science 1	Physical Science	Physics 1	Environmental Science
8918010	5/74 7%	13/80 16%	9/83 11%	10/69 14%	10/67 15%	6/69 9%	13/70 19%	11/62 18%	13/66 20%	9/74 12%	10/72 14%
8918020	8/74 11%	11/80 14%	8/83 10%	9/69 13%	8/67 12%	8/69 12%	11/70 16%	8/62 13%	10/66 15%	8/74 11%	5/72 7%
8918030	13/74 18%	18/80 23%	8/83 10%	17/69 25%	8/67 12%	13/69 19%	18/70 26%	17/62 27%	12/66 18%	17/74 23%	16/72 22%
8918040	12/74 16%	14/80 18%	3/83 4%	11/69 16%	4/67 6%	12/69 17%	12/70 17%	9/62 15%	5/66 8%	14/74 19%	8/72 11%

** Alignment pending review

Alignment attempted, but no correlation to academic course

Courses	Algebra 1	Algebra 2	Geometry	English 1	English 2	English 3	English 4
8918010	14/67 21%	5/75 7%	4/54 7%	27/49 55%	27/48 56%	0/45 #	0/45 #
8918020	10/67 15%	1/75 1%	4/54 7%	22/49 45%	22/48 46%	0/45 #	0/45 #
8918030	6/67 9%	6/75 8%	6/54 11%	0/49 #	0/48 #	23/45 51%	23/45 51%
8918040	7/67 10%	7/75 9%	6/54 11%	0/49 #	0/48 #	22/45 49%	22/45 49%

** Alignment pending review

Alignment attempted, but no correlation to academic course

Florida Standards for Technical Subjects

Florida Standards (FS) for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects are the critical reading and writing literacy standards designed for grade 6 and above. These standards are predicated on teachers of history/social studies, science, and technical subjects using their content area expertise to help students meet the particular challenges of reading, writing, speaking, listening, and language in their respective fields. It is important to note that the 6-12 literacy standards in history/social studies, science, and technical subjects are not meant to replace content standards in those areas but rather to supplement them.

This curriculum framework incorporates the grades 9-10 reading and writing literacy standards in the first two courses of this CTE program and grade 11-12 reading and writing literacy standards in the third and fourth courses of this CTE program. The standards for Mathematical Practices describe varieties of expertise that educators at all levels should seek to develop in their students. These practices rest on important “processes and proficiencies” with longstanding importance in mathematics education. This curriculum framework incorporates the appropriate mathematical practices in the first four courses of this CTE program.

Regulated Programs

The Criminal Justice Standards and Training Commission (CJSTC) have authority to approve and recognize programs IAW 316.640, Florida Statute, Selective Traffic Enforcement Program (STEP). The Florida Department of Law Enforcement (FDLE) has developed and approved through CJSTC curriculum that has been directly integrated into this framework. (CJSTC Specialized Training Program Course numbers: 732 – Traffic Control Officer for Civilians; 1132 – Parking Enforcement Specialist for Civilians; 1133 – Selective Traffic Enforcement Program for Civilians). The requirements for this program can be located at:

<http://www.fdle.state.fl.us/Content/CJST/curriculum/CJSTC-Specialized-Training-Courses.aspx>

Common Career Technical Core – Career Ready Practices

Career Ready Practices describe the career-ready skills that educators should seek to develop in their students. These practices are not exclusive to a Career Pathway, program of study, discipline or level of education. Career Ready Practices should be taught and reinforced in all career exploration and preparation programs with increasingly higher levels of complexity and expectation as a student advances through a program of study.

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly, effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.
10. Plan education and career path aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural/global competence.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Methods and strategies for using Florida Standards for grades 09-10 reading in Technical Subjects for student success in Criminal Justice Operations.
- 02.0 Methods and strategies for using Florida Standards for grades 09-10 writing in Technical Subjects for student success in Criminal Justice Operations.
- 03.0 Methods and strategies for using Florida Standards for grades 09-10 Mathematical Practices in Technical Subjects for student success in Criminal Justice Operations.
- 04.0 Identify the history, goals, and career opportunities in the criminal justice system.
- 05.0 Interpret ethics and professionalism in relation to the criminal justice system.
- 06.0 Discuss constitutional and criminal laws at the federal, state, and local levels.
- 07.0 Describe court systems and trial processes.
- 08.0 Discuss the juvenile justice system.
- 09.0 Describe the correctional system.
- 10.0 Utilize personal, interpersonal, and communication skills.
- 11.0 Demonstrate employability skills.
- 12.0 Describe and demonstrate characteristics and procedures of patrol.
- 13.0 Describe crime prevention programs and demonstrate their development and implementation.
- 14.0 Prepare written reports.
- 15.0 Describe and demonstrate traffic-control procedures.
- 16.0 Describe and demonstrate parking enforcement procedures.
- 17.0 Describe the use-of-force continuum guidelines as it applies to Federal, State, and local laws and physical proficiency skills.
- 18.0 Demonstrate safety precautions, first aid, and cardiopulmonary resuscitation (CPR).
- 19.0 Describe procedures to prevent the transmission of sexually transmitted diseases, including AIDS and other blood-borne pathogens.
- 20.0 Methods and strategies for using Florida Standards for grades 11-12 reading in Technical Subjects for student success in Criminal Justice Operations
- 21.0 Methods and strategies for using Florida Standards for grades 11-12 writing in Technical Subjects for student success in Criminal Justice Operations
- 22.0 Methods and strategies for using Florida Standards for grades 11-12 Mathematical Practices in Technical Subjects for student success in Criminal Justice Operations.
- 23.0 Discuss crime scene safety.
- 24.0 Describe and demonstrate criminal investigation procedures.
- 25.0 Describe and/or demonstrate forensic science tasks, such as fingerprinting, crime laboratory examination, and forensic photography.
- 26.0 Explain and demonstrate property control procedures.
- 27.0 Explain and demonstrate a traffic crash investigation.
- 28.0 Demonstrate computer literacy.
- 29.0 Apply job related math skills.
- 30.0 Demonstrate an awareness of cultural diversity.

TRACK 1 Public Service Aide

- 31.0 State the authority of the TCI as outlined in Chapter 316.640, Florida Statute.
- 32.0 List the procedures of traffic crash scene management.
- 33.0 Describe how to properly execute scene management.
- 34.0 List the basic principles of traffic crash investigations.
- 35.0 Determining the causation of a crash.
- 36.0 Describe and demonstrate how to complete the on-site Crash investigation.
- 37.0 Document and complete a report.
- 38.0 Describe courtroom demeanor and testimony.
- 39.0 Explain the community service officer's/police service aide's role, ethics, and professionalism.
- 40.0 Demonstrate patrol procedures.
- 41.0 Demonstrate investigative report writing skills.
- 42.0 Conduct preliminary property crime investigations.
- 43.0 Participate in job shadowing/work based learning experiences.

TRACK 2 Certified Legal Assistance

- 44.0 Demonstrate comprehension and communication of legal knowledge skills.
- 45.0 Demonstrate knowledge, skill, and application of computer information systems to accomplish legal job objectives and enhance workplace performance.
- 46.0 Perform e-mail activities.
- 47.0 Demonstrate knowledge of legal operating systems.
- 48.0 Perform legal office functions and responsibilities to accomplish job objectives and enhance workplace performance.
- 49.0 Develop communication skills in technical reading and writing of legal documents.
- 50.0 Demonstrate personal and interpersonal skills appropriate for the legal workplace.
- 51.0 Use technology to apply and enhance communication skills in technical reading, writing, speaking, listening, and viewing.
- 52.0 Apply office accounting strategies to commonly occurring situations in the legal workplace to accomplish job objectives and enhance workplace performance.
- 53.0 Incorporate appropriate leadership and supervision techniques, customer service strategies, and standards of personal ethics to accomplish job objectives and enhance workplace performance.
- 54.0 Develop an awareness of the ALS certification requirements, rules and guidelines.
- 55.0 Demonstrate employability skills (ALS).

**Florida Department of Education
Student Performance Standards**

Course Title: Criminal Justice Operations 1
Course Number: 8918010
Course Credit: 1

Course Description:

This course is to introduce the student to the history, goals, and career opportunities in the Criminal Justice Profession. It also covers ethics and professionalism, constitutional and criminal laws, court and trial process, juvenile justice system, and the correctional system. Students will also be instructed on personal, interpersonal, and communication skills as well as demonstrate employability skills.

Florida Standards		Correlation to CTE Program Standard #
01.0	Methods and strategies for using Florida Standards for grades 09-10 reading in Technical Subjects for student success in Criminal Justice Operations.	
01.01	Key Ideas and Details	
01.01.1	Cite specific textual evidence to support analysis of science and technical texts, attending to the precise details of explanations or descriptions. LAFS.910.RST.1.1	
01.01.2	Determine the central ideas or conclusions of a text; trace the text's explanation or depiction of a complex process, phenomenon, or concept; provide an accurate summary of the text. LAFS.910.RST.1.2	
01.01.3	Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text. LAFS.910.RST.1.3	
01.02	Craft and Structure	
01.02.1	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 9–10 texts and topics. LAFS.910.RST.2.4	
01.02.2	Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., force, friction, reaction force, energy). LAFS.910.RST.2.5	
01.02.3	Analyze the author's purpose in providing an explanation, describing a	

Florida Standards		Correlation to CTE Program Standard #
	procedure, or discussing an experiment in a text, defining the question the author seeks to address. LAFS.910.RST.2.6	
01.03 Integration of Knowledge and Ideas		
01.03.1	Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words. LAFS.910.RST.3.7	
01.03.2	Assess the extent to which the reasoning and evidence in a text support the author's claim or a recommendation for solving a scientific or technical problem. LAFS.910.RST.3.8	
01.03.3	Compare and contrast findings presented in a text to those from other sources (including their own experiments), noting when the findings support or contradict previous explanations or accounts. LAFS.910.RST.3.9	
01.04 Range of Reading and Level of Text Complexity		
01.04.1	By the end of grade 9, read and comprehend literature [informational texts, history/social studies texts, science/technical texts] in the grades 9–10 text complexity band proficiently, with scaffolding as needed at the high end of the range.	
01.04.2	By the end of grade 10, read and comprehend literature [informational texts, history/social studies texts, science/technical texts] at the high end of the grades 9–10 text complexity band independently and proficiently. LAFS.910.RST.4.10	
02.0 Methods and strategies for using Florida Standards for grades 09-10 writing in Technical Subjects for student success in Criminal Justice Operations.		
02.01 Text Types and Purposes		
02.01.1	Write arguments focused on discipline-specific content. LAFS.910.WHST.1.1	
02.01.2	Write informative/explanatory texts, including the narration of historical events, scientific procedures/experiments, or technical processes. LAFS.910.WHST.1.2	
02.02 Production and Distribution of Writing		
02.02.1	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. LAFS.910.WHST.2.4	
02.02.2	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.	

Florida Standards		Correlation to CTE Program Standard #
		LAFS.910.WHST.2.5
02.02.3	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.	
		LAFS.910.WHST.2.6
02.03	Research to Build and Present Knowledge	
02.03.1	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.	
		LAFS.910.WHST.3.7
02.03.2	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation.	
		LAFS.910.WHST.3.8
02.03.3	Draw evidence from informational texts to support analysis, reflection, and research.	
		LAFS.910.WHST.3.9
02.04	Range of Writing	
02.04.1	Write routinely over extended time frames (time for reflection and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.	
		LAFS.910.WHST.4.10
03.0	Methods and strategies for using Florida Standards for grades 09-10 Mathematical Practices in Technical Subjects for student success in Criminal Justice Operations.	
03.01	Make sense of problems and persevere in solving them.	
		MAFS.K12.MP.1.1
03.02	Reason abstractly and quantitatively.	
		MAFS.K12.MP.2.1
03.03	Construct viable arguments and critique the reasoning of others.	
		MAFS.K12.MP.3.1
03.04	Model with mathematics.	
		MAFS.K12.MP.4.1
03.05	Use appropriate tools strategically.	
		MAFS.K12.MP.5.1
03.06	Attend to precision.	

Florida Standards	Correlation to CTE Program Standard #	
	MAFS.K12.MP.6.1	
03.07 Look for and make use of structure.	MAFS.K12.MP.7.1	
03.08 Look for and express regularity in repeated reasoning.	MAFS.K12.MP.8.1	

Abbreviations:

FS-M/LA = Florida Standards for Math/Language Arts

NGSSS-Sci = Next Generation Sunshine State Standards for Science

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
04.0 Identify the history, goals, and career opportunities in the criminal justice system–The student will be able to:			
04.01 Describe the parts and functions of the criminal justice system.	LAFS.910.RI.1.1; RI.1.2; R.I.1.4;RI.3.7; RI.4.10;W.1.2;W.2.5;W. 3.9;W.2.6 L.1.1, L.1.2;L.3.6 SL.1.1; SL.1.2; SL.3.6	MAFS.912.F-IF.2.4	
04.02 Identify the history and goals of the criminal justice system.	LAFS.910.RI.1.1; RI.1.2; R.I.1.4;RI.3.7;RI.3.9; RI.4.10;W.1.2;W.2.5;W. 3.9;W.2.6 L.1.1, L.1.2;L.3.6 SL.1.1; SL.1.2; SL.3.6		
04.03 Identify and describe career opportunities in the criminal justice system.	LAFS.910.RI.1.2; R.I.1.4;RI.3.7;RI.4.10; W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7;W.3.8 L.1.1, L.1.2;L.3.6		
04.04 Identify the prerequisites for job entry into the criminal justice system.	LAFS.910.RI.1.2; R.I.1.4;RI.3.7;RI.4.10; W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7;W.3.8 L.1.1, L.1.2;L.3.6		
04.05 Identify the leadership opportunities, benefits, and awards available through participation in FPSA and other CTSO events, including competitions and activities.	LAFS.910.RI.1.2; RI.3.8;RI.4.10; W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7;W.3.8;W.3.9 L.1.1, L.1.2;L.3.6;		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	SL.2.4; SL.2.5;SL.2.6		
05.0 Interpret ethics and professionalism in relation to the criminal justice system–The student will be able to:			
05.01 Interpret the codes of ethics for the criminal justice system.	LAFS.910.RI.1.1;RI.1.2; RI.1.4 W.1.2;W.2.4 L.1.1, L.1.2;L.3.6		
05.02 Apply standards of professionalism in the criminal justice system.	LAFS.910.RI.1.1;RI.1.2; RI.1.4; RI.3.9;RI.4.10; W.1.2;W.2.4;W.2.5;;W. 3.7;W.3.8 L.1.1, L.1.2;L.3.4;L.3.6 SL.1.1		
05.03 Define discrimination.	LAFS.910.RI.1.1;RI.1.2; RI.1.4; RI.2.5;RI.3.7;RI.3.9;RI. 4.10; W.1.2;W.2.4;W.2.5;W.3 .7;W.3.8;W.3.9 L.1.1;L.1.2 SL.1.1; SL.1.2		
05.04 Define sexual harassment.	LAFS.910.RI.1.1;RI.1.2; RI.1.4; RI.2.5;RI.3.7;RI.3.9;RI. 4.10; W.1.2;W.2.4;W.2.5;W.3 .7;W.3.8;W.3.9;L.1.1 L.1.2 SL.1.1; SL.1.2		
06.0 Discuss constitutional and criminal laws at the federal, state, and local levels–The student will be able to:			
06.01 Discuss how political, moral, and economic concerns lead to the development of laws.	LAFS.910.RI.1.1;RI.1.2; RI.4.10 W.1.2;W.2.4;W.2.5;W.3 .7;W.3.8;W.3.9 L.1.1;L.1.2; L.3.4;L.3.6 SL.1.1; SL.2.6		SC.912.N.4.1,4.2; 912.N.1.1 7, 8, 9,11.
06.02 Identify constitutional law as it applies to the criminal justice system.	LAFS.910.RI.1.1;RI.1.2; RI.1.3; RI.1.4; RI.3.9 W.1.2;W.2.4;W.2.5;W.2 .6;W.3.8;W.3.9; L.1.1;L.1.2; SL.1.1; SL.2.6		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
06.03 Distinguish between state and federal laws.	LAFS.910.RI.1.1;RI.1.2; RI.1.4; RI.3.7; RI.3.9; RI.4.10 W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7;W.3.8;W.3.9; W.4.10 L.1.1;L.1.2; L.3.4;L.3.6 SL.1.1; SL.2.6	MAFS.912.F-IF.3.9	
06.04 Differentiate between, and identify elements of, civil and criminal law.	LAFS.910.RI.1.1;RI.1.2; RI.1.4; RI.3.7; RI.3.9; RI.4.10 W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7;W.3.8;W.3.9 L.1.1;L.1.2; L.3.4;L.3.6 SL.1.3; SL.2.6	MAFS.912.S-CP.1.5 MAFS.912.A-REI.1.1 MAFS.912.A-CED.1.4 MAFS.912.N-Q.1.1	
06.05 Discuss the impact of local ordinances.	LAFS.910.RI.1.1;RI.1.2; RI.1.4; RI.2.5; RI.3.9 W.1.2;W.2.4;W.2.5;W. 3.7;W.3.9 L.1.1;L.1.2; L.3.4 SL.1.3; SL.2.6		
06.06 Describe criminal law procedures in Florida.	LAFS.910.RI.1.1;RI.1.2; RI.1.4; RI.4.10 W.1.2;W.2.4;W.3.7;W.3 .8;W.3.9 L.1.1;L.1.2; L.3.4 SL.1.1;SL.1.2;SL.2.6	MAFS.912.A-REI.1.1	
07.0 Describe court systems and trial processes–The student will be able to:			
07.01 Describe the federal court system as it applies to the criminal justice system.	LAFS.910.RI.1.1;RI.1.2; RI.1.4; RI.4.10 W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7;W.3.8;W.3.9,L. 1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.5;SL.2.6	MAFS.912.F-IF.2.4	SC 912.N.1.1; N.13, 1.3, 1.4, 1.5, 1.6
07.02 Describe the Florida court system as it applies to the criminal justice system.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.9; RI.4.10 W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.6	MAFS.912.F-IF.2.4	

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
07.03 Describe the pretrial, trial, and post-trial processes.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.9; RI.4.10 W.1.2;W.2.4;W.2.5;W.3 .7 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.5;SL.2.6	MAFS.912.F-IF.2.4	SC 912.N.1.1; N.13, 1.3, 1.4, 1.5, 1.6
07.04 Describe the roles and responsibilities of the people involved in the trial processes.	LAFS.910.RI.1.1;RI.1.2; RI.1.4; W.1.2;W.2.4;W.2.5;W.3 .7;W.3.8;W.3.9 L.1.1;L.1.2;L.3.4 SL.1.1;SL.1.2;SL.2.4;S L.2.6	MAFS.912.S-ID.2.5	SC 912.N.1.1;N.13, 1.3, 1.4, 1.5, 1.6
07.05 Describe the warrant and summons processes.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.7;RI.3.9;RI. 4.10 W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7;W.3.8;W.4.10 L.1.1;L.1.2;L.3.4 SL.1.1;SL.1.2;SL.2.4;S L.2.5;SL.2.6		
07.06 Explain how to notify witnesses and defendants of court schedules.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.7;RI.3.8;RI. 3.9 W.1.2;W.1.3;W.2.4;W.3 .7;W.3.8 SL.1.1;SL.2.6		SC 912.N.1.1;N.13, 1.3, 1.4, 1.5, 1.6
07.07 Demonstrate courtroom demeanor and participate in a mock trial.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.7;RI.3.9;RI. 4.10 W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7;W.3.8;W.4.10, L.1.1;L.1.2;L.3.4 SL.1.1;SL.1.2;SL.2.4;S L.2.5;SL.2.6	MAFS.912.N-Q.1.1 MAFS.912.S-ID.2.5 MAFS.912.S-IC.2.6 MAFS.912.A-REI.1.1	SC 912.N.1.1; N.13, 1.3, 1.4, 1.5, 1.6
08.0 Discuss the juvenile justice system–The student will be able to:			
08.01 Identify the programs and agencies within the juvenile justice system and their roles and responsibilities.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.4.10 W.1.2;W.2.4;W.2.5;W.3 .7;W.3.8 L.1.1;L.1.2, SL.1.1;SL.1.2;SL.2.4;S	MAFS.912.F-IF.2.4	SC.912.N.4.1,4.2

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	L.2.5;SL.2.6		
08.02 Identify law enforcement procedures related to juvenile delinquency.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.4.10 W.1.2;W.2.4;W.2.5;W.3 .7;W.3.8 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.5;SL.2.6		SC.912.N.4.1,4.2
08.03 Discuss Florida's juvenile court system, including procedures and alternative programs.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.4.10 W.1.2;W.2.4;W.2.5;W.3 .7;W.3.8 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.5;SL.2.6	MAFS.912.F-IF.2.4	SC.912.N.4.1,4.2
08.04 Discuss the juvenile corrections system, including alternative programs.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.7;RI.4.10 W.1.2;W.2.4;W.2.5;W.3 .7;W.3.8 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.5;SL.2.6	MAFS.912.F-IF.2.4	SC.912.N.4.1,4.2
08.05 Analyze current trends in juvenile justice.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.7;RI.4.10 W.1.2;W.2.4;W.2.5;W.3 .7;W.3.8;W.3.9 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.5;SL.2.6	MAFS.912.S-ID.1.2 MAFS.912.S-ID.1.3 MAFS.912.S-ID.2.5 MAFS.912.S-ID.2.6 MAFS.912.S-ID.3.9 MAFS.912.S-IC.2.6	SC.912.N.4.1,4.2
09.0 Describe the correctional system—The student will be able to:			
09.01 Describe the history of corrections.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.7;RI.4.10 W.1.2;W.2.4;W.3.7;W.3 .8;W.3.9 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.6		
09.02 Differentiate between local, state, and federal correctional systems.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.7;RI.4.10 W.1.2;W.2.4;W.3.7;W.3 .8 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.6	MAFS.912.F-IF.2.4	

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
09.03 Compare and contrast different types of prison- and community-based programs.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.7;RI.4.10 W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7;W.3.8 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.5;SL.2.6	MAFS.912.S-ID.1.2 MAFS.912.S-ID.1.3 MAFS.912.S-ID.2.5	SC.912.N.4.1 and 4.2; SC.912.N.1.1 7, 8, 9, 10 and 11
09.04 Identify major correctional operations procedures and programs.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.7;RI.4.10 W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7;W.3.8 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.6		SC.912.N.4.1,4.2 SC.912.N.1.1 7, 8, 9, 10,11
09.05 Debate legal issues concerning the rights of inmates and the duties and responsibilities of correctional officers.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.2.5;RI.4.10 W.1.2;W.2.4;W.2.5;W.3 .7;W.3.8;W.3.9;W.4.10 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.6	MAFS.912.N-Q.1.1	
09.06 Analyze current trends in correctional reform, including privatization.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.2.5;RI.3.8;RI. 4.10 W.1.2;W.2.4;W.2.5;W.3 .7;W.3.8;W.3.9;W.4.10 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.6	MAFS.912.S-ID.1.2 MAFS.912.S-ID.1.3 MAFS.912.S-ID.2.5 MAFS.912.S-ID.2.6 MAFS.912.S-ID.3.9 MAFS.912.S-IC.2.6	SC.912.N.4.1,4.2; SC.912.N.1.1 7, 8, 9, 10,11
09.07 Identify the unique interpersonal skills required in communicating with inmates.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.2.5;RI.3.7 W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7;W.3.8;W.3.9 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.5;SL.2.6	MAFS.912.F-IF.2.4 MAFS.912.N-Q.1.1 MAFS.912.S-ID.2.5 MAFS.912.S-IC.2.6 MAFS.912.A-REI.1.1	
10.0 Utilize personal, interpersonal, and communication skills–The student will be able to:			
10.01 Follow directions.			
10.02 Display integrity, loyalty, dependability, and punctuality.			
10.03 Identify and apply strategies for showing compassion and working well with others.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.4.10 W.1.2;W.1.3;W.2.4;W.2		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	.5;W.3.7;W.3.8 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.6		
10.04 Create and demonstrate responsible ways of dealing with criticism.	LAFS.910.RI.1.1;RI.1.2; RI.1.4 W.1.2;W.2.4;W.2.5;W.2.6;W.3.8;W.3.9 L.1.1;L.1.2;L.3.4 SL.1.1;SL.1.2;SL.1.3;S L.2.5;SL.2.6		
10.05 Identify personal stressors and evaluate methods for resolution.	LAFS.910.RI.1.1;RI.1.2; RI.1.4 W.1.2;W.2.4;W.3.9 L.1.1;L.1.2 SL.1.1;SL.1.2		
10.06 Describe safe and responsible ways of responding to expressions of hostility or threats, including the use of security procedures and systems.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.9 W.1.2;W.2.4;W.2.5;W.3.7;W.3.8;W.3.9 L.1.1;L.1.2;L.3.4 SL.1.1;SL.1.2;SL.1.3;S L.2.4;SL.2.5;SL.2.6		
10.07 Identify and plan solutions for situations that require crisis management and conflict resolution.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.9 W.1.2;W.2.4;W.2.5;W.2.6;W.3.7;W.3.8;W.3.9 L.1.1;L.1.2;L.2.3 SL.1.1;SL.1.2;SL.1.3;S L.2.4		
10.08 Use telecommunications to relay messages in a courteous, respectful way.	LAFS.910.RI.1.1;RI.1.2; RI.1.4 W.1.2;W.2.4;W.2.5 SL.1.1;SL.1.2		
10.09 Explain the purpose the use of communication codes and the phonetic alphabet.	LAFS.910.RI.1.4 W.1.2;W.2.4 L.1.1;L.1.2 SL.1.1;SL.2.4;SL.2.6		
10.10 Describe the different types of communication equipment and identify protocols for their use.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.4.10 W.1.2;W.2.4;W.2.5 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.6		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
10.11 Identify interviewing techniques used with witnesses and victims.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.4.10 W.1.2;W.2.4;W.2.5 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.6		
11.0 Demonstrate employability skills–The student will be able to:			
11.01 Identify sources of information regarding employment opportunities in criminal justice operations.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.4.10 W.1.2;W.2.4;W.2.5 L.1.1;L.1.2 SL.1.1;SL.1.2		
11.02 Identify advanced career options and training opportunities in the criminal justice profession.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.4.10 W.1.2;W.2.4;W.2.5 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.6		
11.03 Conduct a job search and identify the training, experience, and other qualifications required for different positions.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.7;RI.3.8;RI. 4.10 W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7;W.3.8;W.4.10 L.1.1;L.1.2;L.2.3 SL.1.1;SL.1.2;SL.2.4;S L.2.5;SL.2.6		
11.04 Identify the interpersonal skills, work habits, and ethics necessary for ongoing employment in an environment of human diversity.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.7;RI.3.8;RI. 4.10 W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7;W.3.8;W.4.10 L.1.1;L.1.2;L.2.3 SL.1.1;SL.1.2;SL.2.4;S L.2.5;SL.2.6		
11.05 Identify health and grooming habits that facilitate positive interactions with individuals and ongoing employment in criminal justice operations.	LAFS.910.RI.1.1;RI.1.2 W.1.2;W.2.4;W.2.5 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.6		
11.06 Secure information about a particular job.	LAFS.910.RI.1.1;RI.1.2; RI.1.4 W.1.2;W.2.4;W.2.5;W.3 .7;W.3.8		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	L.1.1;L.1.2 SL.1.1;SL.1.2		
11.07 Complete a job resume.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.7;RI.4.10 W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7;W.3.8;W.4.10 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.5;SL.2.6		
11.08 Complete a job application.	LAFS.910.RI.1.1;RI.1.2; RI.1.4;RI.3.7;RI.4.10 W.1.2;W.2.4;W.2.5;W.2 .6;W.3.7;W.3.8;W.4.10 L.1.1;L.1.2 SL.1.1;SL.1.2;SL.2.4;S L.2.5;SL.2.6		
11.09 Apply effective job interview techniques.	LAFS.910.L.1.1;L.1.2 SL.1.1;SL.2.4;SL.2.6		
11.10 Describe how to make job changes appropriately.	LAFS.910.W.1.2;W.2.4; W.2.5 L.1.1;L.1.2 SL.1.1;SL.2.6		

**Florida Department of Education
Student Performance Standards**

Course Title: Criminal Justice Operations 2
Course Number: 8918020
Course Credit: 1

Course Description:

This course is to introduce the student to the characteristics and procedures of patrol, complete written reports, and crime prevention programs. Students will also describe guidelines for Use-of-force, perform CPR/ first aid techniques, and procedures to protect from Blood-Borne pathogens. Training for Traffic Control Officer and Parking Enforcement Specialist IAW Florida Statute 316.640 will be accomplished.

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
12.0 Describe and demonstrate characteristics and procedures of patrol–The student will be able to:			
12.01 State main duties and responsibilities of patrol officers.	LAFS.910.RI.1.2, 2.4,3.7, 4.10 LAFS.910.W.2.6, 1.2, 2.4, 2.5 LAFS.910.SL.1.1, 1.2, 2.4, 2.6 LAFS.910.L.1.1, 1.2		
12.02 Identify different patrol types and zones and evaluate the advantages and disadvantages of each.	LAFS.910.RI.1.2, 2.4, 3.7, 4.10 LAFS.910.W.2.6, 1.2, 2.4, 2.5 LAFS.910.SL.1.1, 1.2, 2.4, 2.6 LAFS.910.L.1.1. 1.2		
12.03 Demonstrate defensive driving techniques (optional).	LAFS.910.SL.1.1, 2.6 LAFS.910.W.2.4, 3.7, 3.8 LAFS.910.L.1.1, 1.2, 3.6		
12.04 Read and interpret a map.	LAFS.910.RI.1.2, 2.4, 3.7, 4.10 LAFS.910.W.1.2, 1.3, 2.4, 2.5, 2.6, 3.7, 3.8	MAFS.912.N-Q.1.1 MAFS.912.G-SRT.1.1	
12.05 Analyze current trends in community-oriented policing.	LAFS.910.RI.1.2, 2.4, 3.7, 4.10 LAFS.910.W.2.6,1.2, 2.4, 2.5	MAFS.912.S-ID.1.2, 1.3, 2.5, 2.6, 3.9 MAFS.912.S-IC.2.6	

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.SL.1.1, 1.2, 2.4, 2.6 LAFS.910.L.1.1, 1.2		
12.06 Define COMPSTAT as it related to Community Policing.	LAFS.910.L.3.4, 3.6		
12.07 Identify and describe procedures for dealing with domestic violence, including abuse and neglect.	LAFS.910.RI.1.2, 2.4, 3.7, 4.10 LAFS.910.W.2.6, 1.2, 2.4, 2.5 LAFS.910.SL.1.1, 1.2, 2.4, 2.6 LAFS.910.L.1.1, 1.2		
12.08 Describe procedures for identifying, handling, and referring people who exhibit signs of mental illness.	LAFS.910.RI.1.2, 2.4, 3.7, 4.10 LAFS.910.W.2.6, 1.2, 2.4, 2.5 LAFS.910.SL.1.1, 1.2, 2.4, 2.6 LAFS.910.L.1.1, 1.2		
12.09 Identify different patrol techniques.	LAFS.910.RI.1.2, 2.4, 3.7, 4.10 LAFS.910.W.2.6, 1.2, 2.4, 2.5 LAFS.910.SL.1.1, 1.2, 2.4, 2.6 LAFS.910.L.1.1, 1.2		
12.10 Describe and demonstrate a traffic stop.	LAFS.910.RI.1.2, 2.4, 3.7, 4.10 LAFS.910.W.2.6, 1.2, 2.4, 2.5 LAFS.910.SL.1.1, 1.2, 2.4, 2.6 LAFS.910.L.1.1, 1.2		
12.11 Describe and demonstrate the inspection of a vehicle and equipment.	LAFS.910.RI.1.2, 2.4, 3.7, 4.10 LAFS.910.W.2.6, 1.2, 2.4, 2.5 LAFS.910.SL.1.1, 1.2, 2.4, 2.6 LAFS.910.L.1.1, 1.2		
12.12 Describe how to establish rapport with a citizen.	LAFS.910.RI.1.2, 2.4, 3.7, 4.10 LAFS.910.W.2.6, 1.2, 2.4, 2.5		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.SL.1.1, 1.2, 2.4, 2.6 LAFS.910.L.1.1, 1.2		
12.13 Describe interview tactics with cooperative and uncooperative witnesses	LAFS.910.RI.1.2, 2.4, 3.7, 4.10 LAFS.910.W.2.6, 1.2, 2.4, 2.5 LAFS.910.SL.1.1, 1.2, 2.4, 2.6 LAFS.910.L.1.1, 1.2		
13.0 Describe crime prevention programs and demonstrate their development and implementation–The student will be able to:			
13.01 Identify community crime prevention programs.	LAFS.910.RI.1.2, 2.4, 3.7, 4.10 LAFS.910.W.2.6, 1.2, 2.4, 2.5 LAFS.910.SL.1.1, 1.2, 2.4, 2.6 LAFS.910.L.1.1, 1.2		
13.02 Describe how to develop and implement school and community crime prevention programs.	LAFS.910.RI.1.2, 2.4, 3.7, 4.10 LAFS.910.W.2.6, 1.2, 2.4, 2.5 LAFS.910.SL.1.1, 1.2, 2.4, 2.6 LAFS.910.L.1.1, 1.2		SC.912.N.4.2
13.03 Identify the concepts involved with Crime Prevention Through Environmental Design (CPTED).	LAFS.910.RI.1.2, 2.4, 3.7, 4.10 LAFS.910.W.2.6, 1.2, 2.4, 2.5 LAFS.910.SL.1.1, 1.2, 2.4, 2.6 LAFS.910.L.1.1, 1.2 MAFS.912.N-Q.1.1, 1.3		SC.912.N.4.2; SC.912.N.1.1 6, 7
13.04 Identify and discuss local crime prevention programs and opportunities for participation.	LAFS.910.RI.1.2, 2.4, 3.7, 4.10 LAFS.910.W.2.6, 1.2, 2.4, 2.5 LAFS.910.SL.1.1, 1.2, 2.4, 2.6 LAFS.910.L.1.1, 1.2		
13.05 Describe the importance and possible uses of crime analysis information.	LAFS.910.RI.1.2, 2.4, 3.7, 4.10	MAFS.912.S-ID.1.3, 2.5, 2.6, 3.9	SC.912.N.4.2

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.W.2.6, 1.2, 2.4, 2.5 LAFS.910.SL.1.1, 1.2, 2.4, 2.6 LAFS.910.L.1.1, 1.2	MAFS.912.S-IC.2.6 MAFS.912.S-ID.1.2	
13.06 Conduct a security survey.	LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
14.0 Prepare written reports–The student will be able to:			
14.01 Identify the who-what-when-where-why-how elements of a report.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
14.02 Describe the purpose of different types of reports.	LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
14.03 Create a factual report with accuracy, completeness, conciseness, objectivity, and clarity and use proper grammar, spelling, punctuation, and legibility.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.RI.3.9 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
14.04 Identify and locate state statutes as they pertain to situations being reported.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
14.05 Define and write a probable-cause affidavit.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
TRAFFIC CONTROL OFFICER FOR CIVILIANS			

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
15.0 Describe and demonstrate traffic control procedures–The student will be able to:			
15.01 Define a Traffic Control Officer as stated in s. 316.640(4)(a), Florida Statutes.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.02 List the qualifications of a traffic control officer (TCO).	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.03 Explain the responsibilities of a traffic control officer.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
<p>15.04 List the limitations of a traffic control officer are not authorized to include:</p> <ul style="list-style-type: none"> A. carry a firearm or any other weapon B. write any citations C. make any arrests D. conduct any investigations 	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
<p>15.05 Define “traffic control devices” according to s. 316.003 (23), F.S.</p>	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2 LAFS.910.L.3.5 LAFS.910.L.3.6		
<p>15.06 Define “traffic signals” according to s. 316.003(24), F.S.</p>			
<p>15.07 Describe the main objectives of traffic direction and control to include:</p> <ul style="list-style-type: none"> A. increase safety B. increase traffic flow C. divert traffic flow 	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.L.1.1 LAFS.910.L.1.2 LAFS.910.L.3.4 LAFS.910.L.3.5 LAFS.910.L.3.6		
15.08 List methods for controlling traffic to include: A. Deployment of traffic control devices B. Direction by an officer C. Manual control of traffic signals following agency policies and procedures.	LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.09 Identify when traffic direction and control are applicable pursuant to agency protocol to include: A. rush hours B. traffic light failures C. vehicle crashes D. special events E. major disasters F. missing or absent traffic control devices G. funeral procession or dignitary motorcade H. cooperation with other public service agency	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.10 List equipment available to an officer for use in directing traffic: A. Whistle B. high visibility glove C. lighted baton D. reflective slip-over vest E. barricades or cones F. flares, electronic markers, or chemical lightsticks G. variable message boards, including arrow boards	LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.11 Evaluate a traffic situation before intervening to direct traffic to include: A. Determine if intervention is necessary. B. Consider the safety of the officer and the public. C. Maintain traffic flow or divert traffic.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.12 Identify factors that should be considered when planning to direct traffic to include: A. Determine how to improve the traffic situation before entering the roadway. B. Assess whether additional officers and/or resources are needed. C. Decide where to stand in the roadway.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.13 List the safety precautions that an officer should follow when directing traffic to include: A. Always check safety measures; be alert and ready to move out of the way of a vehicle. B. Never move without making sure it is safe. C. Never permit vehicles or pedestrians to start from a stopped position until approaching traffic is stopped.	LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.14 Identify the correct place that an officer should stand while directing traffic.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
<p>15.15 List basic conduct for officers directing traffic to include:</p> <ul style="list-style-type: none"> A. Engage the attention of drivers at all times. <ul style="list-style-type: none"> 1) Make eye contact with a stopped or stopping motorist. 2) Use hand signals, such as pointing, to gain a motorist's attention. B. Keep your hands free. C. Do not engage in idle conversation. D. Do not smoke. E. Do not twirl a chain or other objects. F. Do not use electronic devices such as cell phones. 	LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
<p>15.16 Describe appropriate procedures when an emergency vehicle is approaching an intersection where an officer is directing traffic to include:</p> <ul style="list-style-type: none"> A. Stop traffic in all directions. B. Clear a path for the emergency vehicle if needed. C. Wave the emergency vehicle through the intersection. D. Communicate with a supervisor when circumstances are beyond the duties of a TCO. 	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
<p>15.17 Explain why voice commands are seldom used in directing traffic to include:</p> <ul style="list-style-type: none"> A. Verbal directions are not easy for drivers to hear or understand. B. Voice commands might be misinterpreted by motorist or pedestrian. C. Words may antagonize motorist or pedestrian. 	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
<p>15.18 List procedures to follow if voice commands must be used to include:</p> <ul style="list-style-type: none"> A. Move reasonably close to the pedestrian or driver. 	LAFS.910.W.2.6 LAFS.910.W.1.2		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
<ul style="list-style-type: none"> B. Be polite and brief. C. Address as miss, ma'am, or sir. D. Do not lose your temper. 	LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.19 List procedures to follow when assisting pedestrians across the street including: <ul style="list-style-type: none"> A. Be firm but polite. B. Verbally direct pedestrians. C. Do not permit crossing until it is safe. D. Take extra caution with children, the elderly, or persons with disabilities. 	LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.20 Describe the various whistle signals to get the attention of the driver or pedestrian including: <ul style="list-style-type: none"> A. one long blast for the vehicle to stop B. two short blasts for the vehicle to go C. several short blasts to get the attention of a driver or pedestrian who does not respond to a hand signal 	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.21 List the various hand signals used in conjunction with the whistle signals to include: <ul style="list-style-type: none"> A. stop B. turn right C. turn left D. start E. keep moving F. resume traffic signal control 	LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.22 Demonstrate the various hand signals used in conjunction with the whistle signals.	LAFS.910.RI.1.2 LAFS.910.RI.2.4		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.23 Demonstrate the proper use of an illuminated baton and a flashlight with traffic wand attached.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.24 Describe how to use a flare safely, including lighting the flare, positioning it, and extinguishing it.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.25 Demonstrate how to safely light a flare, position it, and extinguish it.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
15.26 Demonstrate how to activate a chemical light stick.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
PARKING ENFORCEMENT SPECIALIST			
16.0 Describe and demonstrate parking enforcement procedures – the student will be able to:			
16.01 Define the importance of understanding Florida State Statutes, violations, and enforcement concerns surrounding the Parking Enforcement Specialist position.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2 LAFS.910.L.3.4		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
<p>16.02 State what parking statutes are in Florida Statute 316, to include:</p> <ul style="list-style-type: none"> A. Definitions as defined in (316.003). B. Define jurisdiction as explained in (316.006). C. Define powers of local authorities as explained in (316.008). D. Stopping, standing or parking outside of municipalities (316.194) E. Stopping, standing or parking prohibited in specified places (316.1945) F. Additional parking regulations (316.195) G. Parking for certain purposes prohibited (316.1951) H. Parking spaces for persons with have disabilities (316.1955) I. Parking violations; designated parking spaces for person with disabilities (316.1957) J. Out-of-state vehicles bearing identification of issuance to persons who have disabilities (316.1958) K. Handicap parking enforcement (316.1959) L. Exemption of vehicles according to (316.1964). M. Parking near rural mailbox during certain hours; penalties (316.1965) N. Liability for payment of parking ticket violations and other parking violations (316.1967) O. Obstruction of public streets, highways, and roads (316.2045) P. Leaving children unattended or unsupervised in motor vehicle; penalties; Authority of Law Enforcement Officer (316.6135) Q. Enforcement (316.640). R. Disposition of fines and forfeitures collected for violations (316.660) S. Amount of penalties (316.18(6)). T. Jurisdiction and procedure for parking infractions (318.325) U. Definitions; general (320.01) V. Free motor vehicle license plate to certain disabled veterans (320.084(5)) W. Free motor vehicle license plates to veterans who use wheelchairs (320.0842) X. License plates for persons with disabilities eligible for permanent disabled parking permits (320.0843) Y. License plates for members of Paralyzed Veterans of America (320.0845) Z. Persons who have disabilities; issuance of disabled parking permits; temporary permits; permits for certain providers of transportation services to persons who have disabilities (320.0848) AA. Electric vehicle charging stations (366.94(3)). BB. Parking spaces for persons who have disabilities (553.5041). CC. Assault and battery on law enforcement (784.07(2)). DD. Cruelty to animals (828.12(1)). EE. Local animal control or cruelty ordinances (828.27). 			

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
FF. Resisting officer with violence (843.01). GG. Resisting officer without violence (843.02).			
16.03 State that Parking Enforcement Specialists get their authority and responsibilities from Florida Statute §316.640.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.04 List the qualifications and limitations of a Parking Enforcement Specialist.	LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.05 Explain how local ordinances affect operating procedures and vary by agency.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
<p>16.06 Explain how the State and national computer systems are used to obtain vehicle identification data, if required.</p>	<p>LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2</p>		
<p>16.07 Define how the approved legal process regarding parking citations, the role to take when providing testimony, and documentation preparation and presentation for court, if required.</p>	<p>LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2 LAFS.910.L.3.4 LAFS.910.L.3.6</p>		
<p>16.08 Identify the importance of professional demeanor and behavior while in court.</p>	<p>LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1</p>		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.L.1.2		
16.09 Identify appropriate body language, posture, and physical appearance while in court.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.10 Identify proper speech and phrasing of answers when giving testimony.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.11 Identify the purpose of taking an oath before court testimony begins.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
<p>16.12 Identify the importance of familiarization with and use of all evidence, reports, and exhibits.</p>	<p>LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2</p>		
<p>16.13 Identify possible objections raised during court testimony.</p>	<p>LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2</p>		
<p>16.14 Define how to maintain safety and awareness of the surroundings and weather conditions encountered when enforcing parking.</p>	<p>LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2 LAFS.910.L.3.4 LAFS.910.L.3.6</p>		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
<p>16.15 Describe how to maneuver enforcement vehicle around parked vehicles, moving traffic, and road hazards safely when enforcing parking.</p>	<p>LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2</p>		
<p>16.16 Demonstrate how to maneuver safely around parked vehicles, moving traffic, and road hazards while enforcing parking on foot.</p>	<p>LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2</p>		
<p>16.17 Define safety and awareness guidelines that Parking Enforcement Specialists need to adhere to when interacting with the public to avoid potential safety concerns.</p>	<p>LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2 LAFS.910.L.3.4 LAFS.910.L.3.6</p>		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
16.18 Describe the importance of an informational briefing.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.19 Retrieve and test the work equipment that is necessary to perform parking enforcement duties in the field to include vehicle equipment, electronic equipment, and communication equipment.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.20 Operate agency-specified communication equipment with care per agency-specific policies and standard operating procedures. NOTE: If the agency uses 2-way radios, it needs to be discussed. Review proper radio procedures and the radio codes used by the agency.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.21 Identify various paid parking systems and types of permitted parking utilized in an assigned work area.	LAFS.910.RI.1.2 LAFS.910.RI.2.4		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.22 Utilize or describe what a license plate recognition system device to monitor parking compliance and violations, if equipped.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.23 Patrol the assigned area to issue citations appropriately for parking violations.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.24 Define any scofflaw violations with the appropriate resource.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2 LAFS.910.L.3.4 LAFS.910.L.3.6		
16.25 Describe how to photograph the violation, if applicable.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.26 Input the appropriate observed violation onto the citation correctly.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.27 Describe the proper agency-specified steps to issue a parking citation.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.28 Describe the appropriate agency-specific policies and standard operating procedures for confiscating a disabled placard.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.29 Describe what resources or information are available in relation to inquiries from the public.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.30 Provide information to individuals in connection with a citation that they received for a parking violation.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.31 Identify officious and oppressive manners, disrespectful attitudes, and negative body language from others as factors that can indicate a negative response.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.32 Identify guidelines that help improve interpersonal skills necessary for Parking Enforcement Specialists to perform their job effectively in a diverse population.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
16.33 Describe how medical conditions can affect an individual's attitudes or behavior.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
17.0 Describe the use-of-force guidelines as it applies to Federal, State, and local laws and physical proficiency skills–The student will be able to:			
17.01 Describe the totality of circumstances as it relates to: A. Subject resistance B. Situational Factors C. Justification D. Officer Response	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
17.02 Describe legal issues pertaining to objective reasonableness as it pertains to the use of force that include Tennessee v. Garner and Graham v. Conner cases.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
17.03 Identify potential weapons.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
17.04 Describe and demonstrate stop and frisk as it relates to Terry v. Ohio.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
17.05 Demonstrate defensive tactics as described in the Criminal Justice Standards and Training Commission’s (CJSTC’s) Defensive Tactics Basic Recruit Performance Evaluation. (optional)	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
17.06 Demonstrate weapon safety and familiarization. (optional)	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
17.07 Describe the four elements of arrest.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
17.08 Describe and demonstrate behaviors of physical wellness according to an individual's abilities.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
18.0 Demonstrate safety precautions, first aid, and cardiopulmonary resuscitation (CPR)–The student will be able to:			
18.01 Identify the four classes of fires and the extinguishing agents for each.	LAFS.910.L.3.6 LAFS.910.SL.2.4 LAFS.910.SL.2.6		
18.02 Identify electrical hazards, hazardous materials, and life threatening situations.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
18.03 Evaluate different types of carriers and techniques for removing an unconscious or disabled victim from a dangerous situation.	LAFS.910.RI.1.2 LAFS.910.RI.2.4 LAFS.910.RI.3.7 LAFS.910.RI.4.10 LAFS.910.W.2.6 LAFS.910.W.1.2 LAFS.910.W.2.4 LAFS.910.W.2.5 LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
18.04 Apply basic first aid techniques.	LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.SL.2.6 LAFS.910.L.1.1 LAFS.910.L.1.2		
18.05 Demonstrate mastery of CPR.	LAFS.910.W.1.2 LAFS.910.SL.1.2 LAFS.910.SL.2.4 LAFS.910.L.1.1 LAFS.910.L.1.2		
19.0 Describe procedures to prevent the transmission of sexually transmitted diseases, including AIDS and blood-borne pathogens–The student will be able to:			
19.01 Distinguish between fact and fallacy about the transmission and treatment of diseases caused by blood-borne pathogens.	LAFS.910.SL.1.1 LAFS.910.SL.1.2 LAFS.910.SL.1.3		
19.02 Identify community resources and services available to individuals with diseases caused by blood-borne pathogens.	LAFS.910.SL.1.2		
19.03 Identify “at-risk” behaviors that promote the spread of AIDS and the public education necessary to combat the spread of diseases caused by blood-borne pathogens.	LAFS.910.SL.1.2 LAFS.910.W.3.7 LAFS.910.W.3.8		
19.04 Apply infection control techniques designed to prevent the spread of diseases caused by blood-borne pathogens used in the care of all patients	LAFS.910.SL.2.4 LAFS.910.SL.2.6		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
following Center for Disease Control (CDC) guidelines.			
19.05 Explain the legal aspects of AIDS, including testing.	LAFS.910.SL.2.5 LAFS.910.SL.2.6		

**Florida Department of Education
Student Performance Standards**

Course Title: Criminal Justice Operations 3
Course Number: 8918030
Course Credit: 1

Course Description:

This course is to introduce the student to the crime scene safety, conducting criminal investigations, conducting forensic processing, and complete property control procedures. Students will conduct a traffic crash investigation completing the proper report forms. Computer skills as well as job related math skills will be performed. Enhancing the awareness of human diversity will be instructed.

Florida Standards		Correlation to CTE Program Standard #
20.0	Methods and strategies for using Florida Standards for grades 11-12 reading in Technical Subjects for student success in Criminal Justice Operations.	
20.01	Key Ideas and Details	
	20.01.1 Cite specific textual evidence to support analysis of science and technical texts, attending to important distinctions the author makes and to any gaps or inconsistencies in the account. <p align="right">LAFS.1112.RST.1.1</p>	
	20.01.2 Determine the central ideas or conclusions of a text; trace the text’s explanation or depiction of a complex process, phenomenon, or concept; provide an accurate summary of the text. <p align="right">LAFS.1112.RST.1.2</p>	
	20.01.3 Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text. <p align="right">LAFS.1112.RST.1.3</p>	
20.02	Craft and Structure	
	20.02.1 Determine the meaning of symbols key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics. <p align="right">LAFS.1112.RST.2.4</p>	
	20.02.2 Analyze how the text structures information or ideas into categories or hierarchies, demonstrating understanding of the information or ideas. <p align="right">LAFS.1112.RST.2.5</p>	
	20.02.3 Analyze the author’s purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, identifying important issues that remain unresolved. <p align="right">LAFS.1112.RST.2.6</p>	
20.03	Integration of Knowledge and Ideas	
	20.03.1 Integrate and evaluate multiple sources of information presented in diverse formats and	

Florida Standards	Correlation to CTE Program Standard #
<p>media (e.g. quantitative data, video, multimedia) in order to address a question or solve a problem.</p> <p style="text-align: right;">LAFS.1112.RST.3.7</p>	
<p>20.03.2 Evaluate the hypotheses, data, analysis, and conclusions in a science or technical text, verifying the data when possible and corroborating or challenging conclusions with other sources of information.</p> <p style="text-align: right;">LAFS.1112.RST.3.8</p>	
<p>20.03.3 Synthesize information from a range of sources (e.g., texts, experiments, simulations) into a coherent understanding of a process, phenomenon, or concept, resolving conflicting information when possible.</p> <p style="text-align: right;">LAFS.1112.RST.3.9</p>	
<p>20.04 Range of Reading and Level of Text Complexity</p>	
<p>20.04.1 By the end of grade 11, read and comprehend literature [informational texts, history/social studies texts, science/technical texts] in the grades 11–CCR text complexity band proficiently, with scaffolding as needed at the high end of the range.</p> <p>20.04.2 By the end of grade 12, read and comprehend literature [informational texts, history/social studies texts, science/technical texts] at the high end of the grades 11–CCR text complexity band independently and proficiently.</p> <p style="text-align: right;">LAFS.1112.RST.4.10</p>	
<p>21.0 Methods and strategies for using Florida Standards for grades 11-12 writing in Technical Subjects for student success in Criminal Justice Operations.</p>	
<p>21.01 Text Types and Purposes</p>	
<p>21.01.1 Write arguments focused on discipline-specific content.</p> <p style="text-align: right;">LAFS.1112.WHST.1.1</p>	
<p>21.01.2 Write informative/explanatory texts, including the narration of historical events, scientific procedures/experiments, or technical processes.</p> <p style="text-align: right;">LAFS.1112.WHST.1.2</p>	
<p>21.02 Production and Distribution of Writing</p>	
<p>21.02.1 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.</p> <p style="text-align: right;">LAFS.1112.WHST.2.4</p>	
<p>21.02.2 Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.</p> <p style="text-align: right;">LAFS.1112.WHST.2.5</p>	
<p>21.02.3 Use technology, including the Internet, to produce, publish, and update individual or shared writing products in response to ongoing feedback, including new arguments or information.</p> <p style="text-align: right;">LAFS.1112.WHST.2.6</p>	
<p>21.03 Research to Build and Present Knowledge</p>	
<p>21.03.1 Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the</p>	

Florida Standards	Correlation to CTE Program Standard #
<p>inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.</p> <p style="text-align: right;">LAFS.1112.WHST.3.7</p>	
<p>21.03.2 Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the specific task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation.</p> <p style="text-align: right;">LAFS.1112.WHST.3.8</p>	
<p>21.03.3 Draw evidence from informational texts to support analysis, reflection, and research.</p> <p style="text-align: right;">LAFS.1112.WHST.3.9</p>	
<p>21.04 Range of Writing</p>	
<p>21.04.1 Write routinely over extended time frames (time for reflection and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.</p> <p style="text-align: right;">LAFS.1112.WHST.4.10</p>	
<p>22.0 Methods and strategies for using Florida Standards for grades 11-12 Mathematical Practices in Technical Subjects for student success in Criminal Justice Operations.</p>	
<p>22.01 Make sense of problems and persevere in solving them.</p> <p style="text-align: right;">MAFS.K12.MP.1.1</p>	
<p>22.02 Reason abstractly and quantitatively.</p> <p style="text-align: right;">MAFS.K12.MP.2.1</p>	
<p>22.03 Construct viable arguments and critique the reasoning of others.</p> <p style="text-align: right;">MAFS.K12.MP.3.1</p>	
<p>22.04 Model with mathematics.</p> <p style="text-align: right;">MAFS.K12.MP.4.1</p>	
<p>22.05 Use appropriate tools strategically.</p> <p style="text-align: right;">MAFS.K12.MP.5.1</p>	
<p>22.06 Attend to precision.</p> <p style="text-align: right;">MAFS.K12.MP.6.1</p>	
<p>22.07 Look for and make use of structure.</p> <p style="text-align: right;">MAFS.K12.MP.7.1</p>	
<p>22.08 Look for and express regularity in repeated reasoning.</p> <p style="text-align: right;">MAFS.K12.MP.8.1</p>	

Abbreviations:

CCSS-M/LA = Florida Standards for Math/Language Arts

NGSSS-Sci = Next Generation Sunshine State Standards for Science

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
23.0 Discuss crime scene safety–The student will be able to:			
23.01 Describe “Right –to-Know” Law as recorded in (29CFR-1910.1200).	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.9; RI.4.10 W.1.2; W.2.4; W.2.5; W.2.6; W.3.7 L.1.1; L.1.2; L.2.3;L.3.4;L.3.6 SL.1.3;SL.2.4;SL.2.5 ;SL.2.6		
23.02 Discuss the potential health and safety hazards one could encounter at a crime scene.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10 W.1.2; W.2.4; W.2.5; W.2.6; W.3.7 L.1.1; L.1.2; L.2.3;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.1.3;SL.2.4;SL.2.5;SL.2.6		SC.912.N.1.1 2, 3, 7, 10; N.1.5; SC.912.L.14.6
23.03 Demonstrate skills and techniques to minimize risk to self and others at the crime scene.	LAFS.1112.RI.1.1; RI.1.2; RI.1.4;R.I. 3.7; RI.4.10 W.1.2;W.1.3; W.2.4; W.2.5; W.3.7; W.3.9 L.1.1; L.1.2; L.2.3;L.3.6 SL.1.2;SL.1.2;SL.1.3 ;SL.2.4;SL.2.5;SL.2.6		
23.04 Discuss state and federal regulations regarding hazardous materials as related to crime scenes.	LAFS.1112.RI.1.1; RI.1.2; RI.1.4;R.I. 3.7; RI.3.9;RI.4.10 W.1.2;W.2.4; W.2.5;W.2.6;W.3.7; W.3.9 L.1.1; L.1.2; L.2.3;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4;SL.2.5;SL.2.6		SC.912.N.4.2
23.05 Discuss emergency procedures involving personal risk in a crime scene situation.	LAFS.1112.RI.1.1; RI.1.2; RI.1.4;R.I		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	3.7; RI.4.10 W.1.2;W.1.3;W.2.4; W.2.5;W.3.7 L.1.2; L.2.3;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4		
23.06 Identify and explain the use of protective equipment for crime scene processing	LAFS.1112.RI.1.1; RI.1.2; RI.1.4;R.I 3.7; RI.4.10 W.1.2;W.2.4; W.2.5;W.3.7 L.1.1;L.1.2; L.2.3;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4		
24.0 Describe and demonstrate criminal investigation procedures–The student will be able to:			
24.01 State the purpose and types of investigations.	LAFS.1112.RI.1.1; RI.1.2; RI.1.4;R.I 3.7;RI.4.10 W.1.2;W.2.4; W.2.5;W.2.6;W.3.7 L.1.1;L.1.2; L.2.3;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4		
24.02 Describe the responsibilities of law enforcement officers at the crime scene.	LAFS.1112.RI.1.1; RI.1.2; RI.1.4;R.I 3.7;RI.4.10 W.1.2;W.2.4; W.2.5;W.3.7 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.2.4 ;SL.2.6		
24.03 Describe the role of evidence in investigations.	LAFS.1112.RI.1.1; RI.1.2; RI.1.4;RI.4.10 W.1.2;W.2.4; W.2.5;W.3.7 SL.1.1;SL.1.2;SL.2.4 ;SL.2.5		
24.04 Describe crime scene investigation procedures.	LAFS.1112.RI.1.1; RI.1.2; R.I 3.7;RI.4.10		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSS-Sci
	W.1.2;W.2.4; W.2.5;W.3.7 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4;SL.2.6		
24.05 Secure and preserve a mock crime scene.	LAFS.1112.RI.1.1; RI.1.2; RI.1.4;R.I 3.7;RI.4.10 L.1.1;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4;SL.2.6		SC.912.N.1.1 4,6 through 11; SC.912.N.1.5;
24.06 Photograph a mock crime scene and the evidence.			SC.912.N.1.1 6, 8; SC912.N.2.4;
24.07 Take measurements at a mock crime scene.		MAFS.912.G- CO.1.2 MAFS.912.G- CO.1.3 MAFS.912.G- CO1.5 MAFS.912.G- CO.4.12 MAFS.912.G- SRT.1.1 MAFS.912.G- C.1.2 MAFS.912.G- C.1.4 MAFS.912.N- Q.1.1 MAFS.912.N- Q.1.3	SC.912.N.1.1 6
24.08 Record facts about crime using recording equipment and note taking.	LAFS.1112.W.1.2;W .2.4;W.4.10 L.1.1;L.3.6 SL.2.6		SC.912.N.1.1 2,6,7,
24.09 Sketch a mock crime scene.		MAFS.912.G- CO.1.2 MAFS.912.G- CO.1.3 MAFS.912.G- CO1.5 MAFS.912.G- CO.4.12 MAFS.912.G-	SC.912.N.1.1 2,6

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSS-Sci
		SRT.1.1 MAFS.912.G-C.1.2 MAFS.912.G-C.1.4 MAFS.912.N-Q.1.1 MAFS.912.N-Q.1.3	
24.10 Assist in identifying, handling, preserving, collecting, recording, and storing mock evidence.	LAFS.1112.W.1.2;W.4.10 L.1.1;L.1.2;L.3.6 SL.1.2;SL.2.6	MAFS.912.S-ID.2.5	SC.912.N.1.1 2,4,6,7,11; SC.912.N.2.4
24.11 Create a cast of an impression using Plaster of Paris or other material to create a 3-D impression. (optional)			SC.912.N.1.1 2,4,6,7,8,9,11; SC.912.N.2.4 and N.3.5
24.12 Process a mock crime scene for fingerprints.	LAFS.1112.W.1.2;W.1.4;W.2.4;W.4.10 L.1.1;L.1.2;L.3.6 SL.1.2;SL.2.6		SC.912.N.1.1 2,4,6,7,8,9,11; SC.912.N.2.4; SC.912.N.1.5 and N.1.6
24.13 Describe the chain of custody of evidence.	LAFS.1112.RI.1.1; RI.1.2; RI.1.4;R.I 3.7;RI.4.10 W.1.2;W.2.4; W.2.5;W.2.6 L.1.1;L.1.2;L.3.6 SL.1.1;SL.2.6		
24.14 Identify different search methods.	LAFS.1112.RI.1.1; RI.1.2;R.I 3.7;RI.4.10 W.1.2;W.2.4 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4;SL.2.6		
24.15 Describe effective interview skills and techniques for obtaining information from witnesses and victims in an investigation.	LAFS.1112.RI.1.1; RI.1.2; RI.1.4;R.I 3.7;RI.4.10 W.1.2;W.2.4; W.3.7 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.6		
24.16 Describe when subpoenas should and should not be used for witnesses.	LAFS.1112.RI.1.1; RI.1.2;R.I 3.7;RI.4.10		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSS-Sci
	W.1.2;W.2.4; W.3.7 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.6		
24.17 Describe Miranda warning requirements in suspect interviews.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4;R.I 3.9;RI.4.10 W.1.2;W.2.4 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.3;SL.2.6		
24.18 Describe how to show witnesses photos of suspects for identification.	LAFS.1112.RI.1.2; RI.1.4;RI.4.10 W.1.2;W.2.4 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.2.4 ;SL.2.6		
24.19 Describe how to prepare for court testimony.			
25.0 Describe and/or demonstrate forensic science tasks, such as fingerprinting, crime laboratory examination, and forensic photography–The student will be able to:			
25.01 Roll fingerprints.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4;R.I 3.7;RI.4.10 W.1.2;W.2.4 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4;SL.2.5;SL.2. 6		
25.02 Identify focal points.	LAFS.1112.RI.1.1; RI.1.2;R.I 3.7;RI.4.10 W.1.2;W.2.4;W.3.7 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4;SL.2.5;SL.2. 6		
25.03 Identify fingerprint patterns and discuss the importance of the Automated Fingerprint Identification System (AFIS).	LAFS.1112.W.1.2;W .2.4;W.4.10 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.2.6		SC.912.L.14.11; L.14.6
25.04 Lift and record latent prints.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4;R.I 3.7;RI.4.10 W.1.2;W.2.4		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSS-Sci
	L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4;SL.2.6		
25.05 Describe blood-type identification procedures and DNA profiling.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4;R.I 3.7 W.1.2;W.2.4 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4;SL.2.6		SC.912.N.1.1 2, 4, 6, 7, 10,11; N.1.2; N.1.5; SC.912.L.14.34, L.14.35; L.14.6; SC.912.L.16.11
25.06 Describe hair and fiber examination procedures.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4;R.I 3.7;RI.4.10 W.1.2;W.2.4 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4;SL.2.6		SC.912.N.1.1 2, 4, 6, 7, 10,11; N.1.2; SC.912.L.14.6; SC.912.L.16.11
25.07 Describe broken glass examination procedures.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4;R.I 3.7;RI.4.10 W.1.2;W.2.4 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4;SL.2.6		SC.912.N.1.1 2, 4, 6, 7, 10,11
25.08 Identify basic photo laboratory procedures and take photographs.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4;R.I 3.7;RI.4.10 W.1.2;W.2.4 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4;SL.2.5;SL.2. 6		SC.912.N.1.1 6, 8; SC912.N.2.4
25.09 Explain the capabilities of a full-service crime lab.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4;RI.4.10 W.1.2;W.2.4 L.1.1;L.1.2;L.3.6 SL.1.1;SL.2.4		
25.10 Explain the Henry Modified system of fingerprint classification.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4;R.I 3.7;RI.4.10 W.1.2;W.2.4 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4;SL.2.5;SL.2. 6		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
26.0 Explain and demonstrate property control procedures–The student will be able to:			
26.01 Classify, identify, and mark property.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4;RI.4.10 W.1.2;W.2.4;W.4.10 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4;SL.2.6		
26.02 Match properties with reports.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4 W.1.2;W.2.4;W.4.10 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2		
26.03 Describe storage and control of evidence, property, and supplies.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4;R.I 3.7;RI.4.10 W.1.2;W.2.4;W.2.5; W.2.6 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4;SL.2.6		
26.04 Describe issuance, maintenance, and inventory of department equipment and supplies, and corresponding computer applications for property control.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4;R.I 3.7;RI.4.10 W.1.2;W.2.4 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.1.3 ;SL.2.4		
27.0 Explain and demonstrate a traffic crash investigation-The student will be able to:			
27.01 Conduct a traffic accident investigation.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4 W.1.2;W.1.3;W.2.4; W.4.10 L.1.1;L.1.2;L.2.3;L.3. 6 SL.1.1;SL.2.6		SC.912.N.1.1 6, 8; SC912.N.2.4;2,4,6,7,8,9, 11
27.02 Complete a DHMSV traffic crash report form to include completing a proper diagram.	LAFS.1112.RI.1.2;RI .1.4 W.1.2;W.2.4;W.4.10 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.2.6	MAFS.912.G- CO.1.2 MAFS.912.G- CO.1.3 MAFS.912.G- CO1.5 MAFS.912.G-	

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSS-Sci
		CO.4.12 MAFS.912.G-SRT.1.1 MAFS.912.G-C.1.2 MAFS.912.G-C.1.4 MAFS.912.N-Q.1.1 MAFS.912.N-Q.1.3 MAFS.912.N-VM.1.3	
28.0 Demonstrate computer literacy–The student will be able to:			
28.01 Use the computer as a tool for the special applications associated with the criminal justice system including but not limited to Crime Scene Sketch using CAD or other computer software program. (optional)	LAFS.1112.W.2.6 SL.2.5		
28.02 Access databases for information.			
28.03 Access a computer program for career selection and postsecondary education opportunities.	LAFS.1112.RI.1.2;RI.1.4;R.I 3.7 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.2.4 ;SL.2.5;SL.2.6		
28.04 Use electronic spreadsheets for keeping track of data as applicable to the criminal justice system.		MAFS.912.S-ID.2.5	
28.05 Use a word processor as applicable in specific criminal justice occupations.	LAFS.1112.W.1.2;W.1.3;W.2.4;W.2.5;W.2.6;W.4.10 L.1.2;L.3.6		
29.0 Apply job related math skills–The student will be able to:			
29.01 Produce a graph, chart, or table associated with the Criminal Justice System.	LAFS.1112.RI.1.2;RI.1.4;R.I 3.7 W.1.2;W.2.4;W.2.6 L.1.1;L.1.2;L.3.6	MAFS.912.S-ID.1.1 MAFS.912.S-ID.2.5	
29.02 Perform arithmetic operations for whole numbers, fractions, and decimals including counting, adding, subtracting, multiplying, and dividing.		MAFS.912.A-REI.1.1 MAFS.912.A-CED.1.4	
29.03 Measure time, temperature, distance, capacity, and mass/weight.		MAFS.912.N-Q.1.1	SC.912.N.1.1. 6

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSS-Sci
		MAFS.912.N-Q.1.3 MAFS.912.N-VM.1.1 MAFS.912.A-REI.1.1 MAFS.912.A-CED.1.4	
29.04 Make estimations and approximations and judge the reasonableness of the result.			
30.0 Demonstrate an awareness of cultural diversity–The student will be able to:			
30.01 Identify factors that may affect human relations in criminal justice operations with culturally diverse communities.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4;RI.4.10 W.1.2;W.2.4;W.2.6 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.2.6		
30.02 Identify methods of communication that may enhance human relations with culturally diverse communities.	LAFS.1112.RI.1.1; RI.1.2;RI.1.4;RI.4.10 W.1.2;W.2.4;W.2.6 L.1.1;L.1.2;L.3.6 SL.1.1;SL.1.2;SL.2.6		

Florida Department of Education
Student Performance Standards

Course Title: Criminal Justice 4
Course Number: 8918040
Course Credit: 1

Course Description:

Track 1 is comprised of Standards 31-42 and is a one credit course focused on the Public Service Aide.

Track 2 is comprised of Standards 44-55 and is a one credit course focused on the administrative aspects of the legal system.

To complete the program, students must complete either Track 1 or Track 2.

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
Track 1 Traffic Crash Investigator			
31.0 State the authority of the TCI as outlined in chapter 316.640, F.S--The student will be able to			
31.01 Explain the TCI's role.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2		
31.02 Explain ethics and professionalism.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2		
31.03 Comprehend the responsibilities of TCIs with regard to providing information and assistance to victims and witnesses of crimes.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10		
32.0 List the procedures of traffic crash scene management--The student will be able to:			
32.01 Plan a prompt arrival to a service call with accurate geographic or zone orientation.	LAFS1112.SL.1.2		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
32.02 Describe the best location to park a patrol car to aid in protecting the integrity of the crash scene.	R.I. 3.7; LAFS1112.SL.1.2	MAFS.912.G-CO.1.2 MAFS.912.G-CO.1.3 MAFS.912.G-CO.1.4 MAFS.912.G-CO.1.5 MAFS.912.N-Q.1.1 MAFS.912.N-Q.1.3 MAFS.912.G-CO.2.6 MAFS.912.G-CO.4.12 MAFS.912.N-VM.2.4	
32.03 Evaluate the road, other vehicles, and environmental conditions for ongoing assessment.	LAFS1112.SL.1.2		
32.04 Recognize elements to physically manage a traffic crash scene.	LAFS1112.SL.1.2		
32.05 Describe how to evaluate the crash scene for potential hazards.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2		
32.06 Describe types of personal protective equipment traffic crash investigators use during a crash scene investigation.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10;LAFS1112. SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2		
32.07 Describe how to evaluate the medical response needed at the crash scene.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2		
33.0 Describe how to properly execute scene management--The student will be able to:			
33.01 Determine if a crash occurred.		MAFS.912.G-CO.1.2 MAFS.912.G-CO.1.3 MAFS.912.G-CO.1.4 MAFS.912.G-CO.1.5 MAFS.912.G-CO.2.6 MAFS.912.G-CO.4.12 MAFS.912.N-Q.1.1 MAFS.912.N-Q.1.3 MAFS.912.N-VM.1.3	

CTE Standards and Benchmarks		FS-LA	FS-MATH	NGSSS-Sci
			MAFS.912.N-VM.2.4	
33.02	Recognize special considerations to determine the need for additional units.	LAFS1112.SL.1.2		
33.03	Describe the importance of continually assessing the scene for possible hazards.	LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2		
33.04	Recognize and describe indicators of impaired drivers.	LAFS1112.SL.1.2		
33.05	Identify a person who may be driving under the influence (DUI).	LAFS1112.SL.1.2		
33.06	Locate elements and evidence at a crash scene that can be used to determine the movement of vehicles and sequence of events.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2	MAFS.912.G-CO.1.2 MAFS.912.G-CO.1.3 MAFS.912.G-CO.1.4 MAFS.912.G-CO.1.5 MAFS.912.G-CO.2.6 MAFS.912.G-CO.4.12 MAFS.912.N-Q.1.1 MAFS.912.N-Q.1.3 MAFS.912.N-VM.1.3 MAFS.912.N-VM.2.4	
33.07	Identify the penalties for giving false information.	LAFS1112.SL.1.2		SC.912.P.12.2,P.12.3;P.12.5
33.08	Explain how to respond to inquiries with correct information from a variety of sources.	LAFS1112.SL.1.2		SC912,N.1.4
33.09	Recognize when crash report information is privileged or confidential.	LAFS1112.SL.1.2		
34.0	List the basic principles of traffic crash investigation--The student will be able to:			
34.01	Recognize elements of an investigation as part of the phases: pre-collision, at-collision, and post-collision.	LAFS1112.SL.1.2	MAFS.912.G-CO.1.2 MAFS.912.G-CO.1.3 MAFS.912.G-CO.1.4 MAFS.912.G-CO.1.5 MAFS.912.G-CO.2.6 MAFS.912.G-CO.4.12 MAFS.912.N-Q.1.1 MAFS.912.N-Q.1.3 MAFS.912.N-VM.1.3 MAFS.912.N-VM.2.4	SC.912.P.12.2,P.12.3;P.12.5
34.02	Describe the efficient use of field notes.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4,		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	W.2.5, W.2.6, L.1.1, L.1.2		
34.03 Distinguish between a witness and an independent witness.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2		
34.04 Describe the most efficient manner in which to interview witnesses.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2		
34.05 Identify issues affecting the process of taking statements from witnesses and involved parties.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2		
34.06 Describe different methods and practices to obtain statements.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2		
34.07 Identify essential documents that traffic crash investigators must gather from people involved in a vehicle crash.			
35.0 Determining the causation of a Crash--The student will be able to:			
35.01 Describe roadway characteristics that may contribute to a crash.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2	MAFS.912.N-Q.1.1 MAFS.912.N-Q.1.3 MAFS.912.N-VM.1.3 MAFS.912.N-VM.2.4 MAFS.912.G-CO.1.2 MAFS.912.G-CO.1.3 MAFS.912.G-CO.1.4 MAFS.912.G-CO.1.5 MAFS.912.G-CO.2.6 MAFS.912.G-CO.4.12	SC.912.P.12.2,P.12.3;P .12.5

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
35.02 Define what the area of collision is.	LAFS1112.L.3.6		
35.03 Define common terms used during a traffic crash investigation.	LAFS1112.L.3.6		
35.04 Define transitory and non-transitory types of evidence that should be collected on the scene.	LAFS1112.L.3.6		SC.912.N.1.1
35.05 Define indicators of a crash to include a vehicle's physical features, marks on the road, and debris.	LAFS1112.L.3.6		
35.06 Explain the procedure for the measurement of skid marks.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2	MAFS.912.G-CO.1.2 MAFS.912.G-CO.1.3 MAFS.912.G-CO.1.4 MAFS.912.G-CO.1.5 MAFS.912.G-CO.2.6 MAFS.912.G-CO.4.12 MAFS.912.N-Q.1.1 MAFS.912.N-Q.1.3 MAFS.912.N-VM.1.3 MAFS.912.N-VM.2.4	SC.912.N.1.1
35.07 Document evidence through markings.		MAFS.912.N-Q.1.1 MAFS.912.N-Q.1.3	SC.912.N.1.1
35.08 Describe the benefit of taking photographs prior to the detailed examination of a scene, and the disturbance of evidence.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2	MAFS.912.N-Q.1.1 MAFS.912.N-Q.1.3	SC.912.N.1.1
35.09 Identify the information to be included in the field sketch and its purpose.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2	MAFS.912.N-Q.1.1 MAFS.912.N-Q.1.3	
35.10 List the factors to consider when evaluating vehicular speed.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2	MAFS.912.N-Q.1.1 MAFS.912.N-Q.1.3 MAFS.912.N-VM.1.3 MAFS.912.N-VM.2.4	SC.912.P.12.2,P.12.3;P .12.5
35.11 Determining how the crash occurred.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10;		SC.912.N.1.1

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2		
36.0 Describe and demonstrate how to complete the on-site Crash Investigation--The student will be able to:			
36.01 Facilitate communication between parties to exchange drivers' information.	LAFS.1112.SL1.1		
36.02 Determine fault for the crash, and issue the citation.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2		
36.03 Complete a Uniform Traffic Citation when there is a violation of Florida Statutes 316, 318, 320 and/or 322.			
36.04 Describe steps to clear the crash scene at the end of a vehicle crash investigation.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2		
36.05 Describe how to determine when to have vehicles cleared from a crash scene.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2		
36.06 Describe how to determine if a vehicle involved in a crash incident needs a tow truck.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2		
37.0 Document and complete a report—The student will be able to:			
37.01 Define the uses of a traffic crash report.	LAFS1112.L.3.6		
37.02 Identify the statutes governing crash reporting, and summarize the process to include:	LAFS1112.SL.1.2		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
<ul style="list-style-type: none"> A. 316.061 Crashes involving damage to vehicle or property. B. 316.062 Duty to give information and render aid. C. 316.062 Duty upon damaging unattended vehicle or other property. D. 316.066 Written reports of crashes. 			
<p>37.03 Identify statutes outlining special circumstances that may apply to crash reporting in the following statutes to include:</p> <ul style="list-style-type: none"> A. 316.027 Crash involving death or personal injuries. B. 316.064 When driver unable to report. C. 316.065 Crashes; reports; penalties. D. 316.067 False reports. E. 316.068 Crash report forms. F. 316.070 Exchange of information at scene of crash. G. 316.193 Driving under the influence; penalties. H. 316.1932 Tests for alcohol, chemical substances, or controlled substances; implied consent; refusal. I. 316.1933 Blood test for impairment or intoxication in cases of death or serious bodily injury; right to use reasonable force. 	LAFS1112.SL.1.2		
<p>37.04 Locate essential definitions common to the job duties of a traffic crash investigator found in Florida Statutes 316.003, and Department of Highway Safety and Motor Vehicles (DHSMV) Traffic Crash Report Manual.</p>	LAFS1112.L.3.6		
<p>37.05 Identify basic terms related to injuries and their definitions found in statute 316.1933(1)(b).</p>	LAFS1112.L.3.6		
<p>37.06 Identify the crash report form as a standardized means for storing crash-related information.</p>			
<p>37.07 Estimate the dollar amount of damages to vehicles and/or other property.</p>	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; L.3.6 MAFS.912.S- MD.2.5		
<p>37.08 Identify events that are the causes or contributory causes of a crash.</p>	LAFS1112.SL.1.2		
<p>37.09 Recognize that the information between the written narrative and a diagram regarding a crash scene need to match.</p>			
<p>37.10 Describe the use of diagramming as a means to document information regarding a crash scene investigation.</p>	LAFS.1112.SL.2.4		
<p>37.11 List the essential items that officers should include on a crash diagram.</p>	LAFS.1112.W.2.4	MAFS.912.N-Q.1.1 MAFS.912.N-Q.1.3	

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
37.12 Complete a Traffic Diagram Template to create the hand-drawn diagram.	LAFS.1112.SL.1.2; W.2.4	MAFS.912.G-CO.1.2 MAFS.912.G-CO.1.3 MAFS.912.G-CO.1.4 MAFS.912.G-CO.1.5 MAFS.912.G-CO.2.6 MAFS.912.G-CO.4.12 MAFS.912.N-Q.1.1 MAFS.912.N-Q.1.3 MAFS.912.N-VM.1.3 MAFS.912.N-VM.2.4	
37.13 Identify the role of the traffic crash investigator in recommending a driver's license reexamination.	LAFS1112.SL.1.2		
38.0 Describe courtroom demeanor and testimony—The student will be able to:			
38.01 Define the following legal definitions relative to the traffic crash investigation: A. admission: a confession, settlement, or acknowledgement made by a party which could be offered against that party in court [F.S. 90.803(18)] B. arrest: to legally deprive a person of liberty or freedom to go as one chooses, or taking a person into custody to be held to answer for a crime C. contraband: goods, property, or other things possessed in violation of the law D. deposition: a form of pretrial discovery, in which the witness is placed under oath and must answer questions asked by an attorney; may be transcribed for use in impeaching the witness at trial or, in special cases, to perpetuate testimony E. duces tecum: (“bring with you”) a type of subpoena which requires the witness to bring specified documents or other evidence F. evidence: proof of allegations at issue between parties which may be direct, indirect, substantive, intrinsic, original, or derivative G. felony: a criminal offense committed within a state in which the maximum penalty is death or incarceration in a state correctional facility for a period exceeding one year H. FCIC/NCIC: Florida Crime Information Center (FCIC)/National Crime Information Center (NCIC) (misuse of a secure database is a criminal offense) I. forfeiture: the loss of some right or property as a penalty for some illegal act J. infraction: in Florida state courts, a non-criminal violation punishable by no other penalty than a fine, forfeiture or other civil penalty [F.S. 775.08(3)] K. jurisdiction: the territorial range over which an authority extends	LAFS1112.L.3.6		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
<ul style="list-style-type: none"> L. jury: a body of citizens sworn to deliver a true verdict upon evidence submitted to them in a trial M. misdemeanor: in Florida state courts, any criminal offense punishable by a term of imprisonment in a county correctional facility (jail) not in excess of one year; does not include any violation of municipal or county ordinance [F.S. 775.02(2)] N. ordinance: a law, statute, or legislative enactment, particularly the legislative enactments or statutes of a municipal corporation O. probable cause: reasonable grounds for suspicion, supported by circumstance sufficiently strong to warrant a cautious person to believe that an accused individual is guilty of the offense with which he or she is charged P. reasonable doubt: a doubt based on reason regarding an element of the state's proof of a defendant's guilt Q. q) restitution: the restoring of monetary or non-monetary property to a victim for damage or loss caused directly or indirectly by the defendant R. search: an exploration or inspection of an individual's premises (such as a house, business, motel room), papers (business records, documents, etc.), effects (cars, luggage) or person S. seizure: the act of taking possession of property, things, or persons, including evidence and contraband T. subpoena: a document issued under the authority of the court or statute, compelling attendance at a deposition, hearing, trial or other proceeding, which provides that the subpoenaed person is subject to penalty for failure to comply U. venue: the circuit or county in which a particular trial may be conducted V. witness: one who observes an incident or has knowledge of facts or information 			
38.02 Define important elements of court preparation for the traffic crash investigator.	LAFS1112.L.3.6		
38.03 Explain the pretrial hearing responsibilities of the traffic crash investigator.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2		
38.04 Explain the importance of depositions.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4,		

CTE Standards and Benchmarks		FS-LA	FS-MATH	NGSSS-Sci
		W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2		
38.05	Identify appropriate demeanor and behavior when giving testimony or statements.	LAFS1112.SL.1.2		
38.06	Describe some common tactics used by opposing counsel during cross-examination.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2		
38.07	Identify techniques that the traffic crash investigator may use to counteract cross examination tactics used by the defense counsel.	LAFS1112.SL.1.2		
Police Service Aide				
39.0	Explain the community service officer's/police service aide's role, ethics, and professionalism--The student will be able to:			
39.01	Explain the Community Service Officer's/Police Service Aide's role.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2		
39.02	Explain ethics and professionalism.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2		
40.0	Demonstrate patrol procedures--The student will be able to:			
40.01	Use the telephone and police radio properly.	LAFS.1112.SL.1.1		
40.02	Recognize the symptoms of mental illness and retardation and notify the proper authorities.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
40.03 Perform foot patrol and vehicular patrol and recognize police hazards.			
40.04 Secure the necessary evidence, including the scientific tests and reports, in order to successfully prosecute impaired drivers.		MAFS.912.S-ID.3.9 MAFS.912.S-IC.2.6	
40.05 Operate a vehicle according to National Safety Council standards.			
41.0 Demonstrate investigative report writing skills--The student will be able to:			
41.01 Comprehend the types and basic requisites of reports.	LAFS.1112.W.1.2		
41.02 Identify the basic steps in writing a report.	LAFS.1112.W.1.2; W.2.4; W.4.10		
41.03 Apply the fundamentals in writing a report.	LAFS.1112.W.1.2; W.2.4; W.4.10		
42.0 Conduct preliminary property crime investigations--The student will be able to:			
42.01 Apply proper methods of collecting, preserving, marking and transporting evidence.			
42.02 Process surfaces for latent fingerprints.			
42.03 Complete an evidence receipt, maintaining the chain of custody.			
42.04 Describe procedures for investigating specific property crimes.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2		
42.05 Demonstrate preliminary investigation of specific property crimes.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2		
JOB SHADOWING/WORK BASED LEARNING EXPERIENCES			
43.0 Participate in job shadowing/work based learning experiences--The student will be able to:			
43.01 Demonstrate skills in the Criminal Justice setting as outlined in the Criminal Justice Operations program.			
43.02 Complete appropriate shadowing experiences under the supervision of a duly licensed/certified Criminal Justice worker.			

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
43.03 Exhibit behavior consistent with the professional ethics required of each of the Criminal Justice areas being studied.			
TRACK 2/Certified Legal Assistant http://www.nals.org/			
44.0 Demonstrate comprehension and communication of legal knowledge skills–The student will be able to:			
44.01 Read and comprehend technical and non-technical legal terminology utilized in reading assignments related to course content including trade journals, books, magazines and electronic	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; L.3.6;		
44.02 Write clear and well-organized documents, integrating a variety of information from a range of law areas.	LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
44.03 Take notes, organize, summarize, and paraphrase ideas and details.	LAFS1112.W.2.4; W.2.5; W.2.6		
44.04 Accurately follow written and oral instructions.			
44.05 Interpret data on graphs, charts, diagrams, and tables commonly used in the legal profession	LAFS.1112.SL.1.2	MAFS.912.S-ID.1.2 MAFS.912.S-ID.1.3 MAFS.912.S-ID.2.5 MAFS.912.S-ID.2.6 MAFS.912.S-ID.3.9 MAFS.912.S-IC.1.1 MAFS.912.S-IC.1.2 MAFS.912.S-IC.2.6	
44.06 Understand the federal and state court systems, juries and jurisdiction	LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
45.0 Demonstrate knowledge, skill, and application of computer information systems to accomplish legal job objectives and enhance workplace performance–The student will be able to:			

CTE Standards and Benchmarks		FS-LA	FS-MATH	NGSSS-Sci
45.01	Develop keyboarding skills to enter and manipulate text and data (e.g., create, edit, format, input, design layout).	LAFS.1112.W.2.6		
45.02	Describe and use current and emerging computer technology and software to perform legal business related tasks.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
45.03	Demonstrate knowledge of basic file management, filing rules and filing procedures skills.	LAFS.1112.W.2.6		
45.04	Identify, describe and utilize communications and networking systems required in legal workplace environments (e.g., electronic mail, internet, conflicts check system etc.).	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
45.05	Use reference materials and manuals available for applications and operation systems software.	LAFS.1112.; W.3.7; W.3.8		
45.06	Troubleshoot problems with computer software, hardware, peripherals, and other office equipment (e.g., printers, facsimile, dictation equipment, postage meters etc.).			
45.07	Describe ethical issues and problems associated with computers and information systems.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3;		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
46.0 Perform e-mail activities–The student will be able to:			
46.01 Describe e-mail capabilities and functions.	LAFS1112.SL.2.4		
46.02 Use the Internet to perform e-mail activities.	LAFS.1112.W.2.6		
47.0 Demonstrate knowledge of legal operating systems–The student will be able to:			
47.01 Identify and utilize basic legal operating system file naming conventions (e.g., basic principles, business names, governmental names, organizational names and personal names.)	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
47.02 Use appropriate legal office procedures for letters, envelopes, interoffice memoranda, processing mail, proof reading and, delivery services.	LAFS.1112.W.2.6 LAFS.1112.SL.2.6		
47.03 Know and understand the duties performed by a notary public.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
47.04 Understand and use appropriate telephone etiquette (e.g., courtesy, first impressions, telephone use etc.)	LAFS.1112.SL.2.6		
48.0 Perform legal office functions and responsibilities to accomplish job objectives and enhance workplace performance–The student will be able to:			

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
48.01 Demonstrate knowledge of ethical behavior in a business environment (e.g., confidentiality of information, employee right to know, hiring practices, plagiarism, copyright violations, sexual harassment, mission statement, code of ethics, etc.).	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
48.02 Perform legal business tasks (e.g., filing and records management, scheduling, reprographics, mail handling, etc.).	LAFS1112.W.2.6		
48.03 Demonstrate knowledge of ethical behavior in a legal business environment (e.g., appearance of impropriety, dealing with confidential information and privileged communications, identity of funds and property of clients, confidence and integrity in the legal profession, unauthorized practice of law, etc.)	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
49.0 Develop communication skills in technical reading and writing of legal documents–The student will be able to:			
49.01 Utilize basic grammar, spelling, punctuation, capitalization, word usage and number usage skills to create/develop legal documents	LAFS1112.L.1.1; L.1.2		
49.02 Use composition and expression during the writing process to create/edit legal documents appropriate to the subject matter, purpose, and audience (e.g., clarity, conciseness, tone, sentence structure, unity, coherence etc.).	LAFS.1112.W.2.4; W.2.5		
49.03 Respond to and utilize information derived from multiple sources (e.g., written documents, instructions, e-mail, voice mail) to solve legal problems and complete legal tasks.	LAFS.1112.SL.1.2		
50.0 Demonstrate personal and interpersonal skills appropriate for the legal workplace–The student will be able to:			
50.01 Accept constructive criticism in a positive manner.	LAFS.1112.SL.1.1		

CTE Standards and Benchmarks		FS-LA	FS-MATH	NGSSS-Sci
50.02	Apply appropriate strategies to manage and resolve conflict in work situations.	LAFS.1112.SL.1.1		
50.03	Demonstrate personal and interpersonal skills appropriate for the legal workplace (e.g., responsibility, dependability, punctuality, integrity, positive attitude, initiative, and respect for self and others, professional dress, etc.).			
51.0	Use technology to apply and enhance communication skills in technical reading, writing, speaking, listening, and viewing—The student will be able to:			
51.01	Use database, spreadsheets, presentation software, scheduling, and integrated software packages to enhance communications.	LAFS.1112.W.2.6		
51.02	Use computer networks (e.g., Internet, on-line databases, e-mail) to facilitate collaborative or individual learning and communication.	LAFS.1112.W.2.6		
51.03	Respond to and utilize information derived from multiple sources (e.g., written documents, instructions, e-mail, voice mail) to solve business problems and complete business tasks.	LAFS.1112.SL.1.2		
51.04	Use miscellaneous equipment and information services to complete legal tasks (e.g., copiers, dictation equipment, facsimile, filing equipment and postage meters).			
52.0	Apply office accounting strategies to commonly occurring situations in the legal workplace to accomplish job objectives and enhance workplace performance—The student will be able to:			
52.01	Use common office accounting terminology and procedures in solving legal problems (e.g., computations for legal documents, depositing funds, firm and trust bank accounts, activity registers and time sheets, writing checks and stopping payment, using bank drafts, cashier's checks and personal checks).	LAFS.1112.L.3.6	MAFS.912.F.4.2	
52.02	Follow accepted rules, regulations and policies for office accounting.			
53.0	Incorporate appropriate leadership and supervision techniques, customer service strategies, and standards of personal ethics to accomplish job objectives and enhance workplace performance—The student will be able to:			
53.01	Demonstrate an awareness of quality service and the personal and professional standards required to establish an effective service-based culture in the workplace, business, or learning environment.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
53.02 Identify, analyze and implement managerial skills necessary for maintaining a high quality work environment, goals, and strategic planning in business settings.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
53.03 Follow accepted rules, regulations, policies, procedures, processes, and workplace safety.			
54.0 Develop an awareness of the ALS certification requirements, rules and guidelines–The student will be able to:			
54.01 Define the purpose of the ALS examination.	LAFS1112.L.3.6		
54.02 Understand the duties and composition of the ALS certification Board.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
54.03 Explain and conduct ALS pre-testing preparation procedures.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9;		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	W.4.10		
54.04 Know the testing application procedures, fees and appropriate deadlines.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
54.05 Know ALS examination procedures, how tests are conducted and graded, and how certification is maintained.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
55.0 Demonstrate employability skills (ALS)–The student will be able to:			
55.01 Identify sources of information regarding employment opportunities in the ALS profession.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
55.02 Identify advanced career options and training opportunities in the ALS	LAFS.1112.RI.1.1;		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
profession.	RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
55.03 Conduct a job search and identify the training, experience, and other qualifications required for different positions.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
55.04 Identify the interpersonal skills, work habits, and ethics necessary for ongoing employment in an environment of human diversity.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
55.05 Identify health and grooming habits that facilitate positive interactions with individuals and ongoing employment in the ALS profession.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6,		

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
	L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
55.06 Secure information about a particular job.	LAFS.1112.RI.1.1; RI.1.2; R.I. 3.7; RI.4.10; LAFS1112.SL.2.4, W.1.2, W.2.4, W.2.5, W.2.6, L.1.1, L.1.2; SL.1.2; LAFS.1112.W.1.1; W.1.2; W.1.3; W.2.4; W.2.5; W.2.6; W.3.7; W.3.8; W.3.9; W.4.10		
55.07 Complete a job resume.	LAFS.1112.W.2.4; W.2.5; W.2.6;		
55.08 Complete a job application.	LAFS.1112.W.2.4; W.2.5; W.2.6;		
55.09 Apply effective job interview techniques.	LAFS1112.SL.1.1; SL.1.2; SL.1.3; SL.2.4; SL.2.6		

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

In order to complete the program and sit for the industry certificate test, Public Service Aide, a student MUST complete Criminal Justice Operations 1, Criminal Justice Operations 2, Criminal Justice Operations 3, and Criminal Justice Operations 4 – Track 1 (**Traffic Crash Investigator & Public Service Aide**).

In order to complete the program and sit for the industry certificate test, Certified Legal Assistant, a student MUST complete Criminal Justice Operations 1, Criminal Justice Operations 2, Criminal Justice Operations 3, and Criminal Justice Operations 4 – Track 2 (**Certified Legal Assistant**).

The occupational standards and benchmarks outlined in this secondary program correlate to the standards and benchmarks of the postsecondary program with the same Classification of Instructional Programs (CIP) number.

Career and Technical Student Organization (CTSO)

SkillsUSA and Florida Public Service Association, Inc. are the inter-curricular career and technical student organization providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. The activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065, F.A.C.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an IEP served in Exceptional Student Education (ESE)) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Some secondary students with disabilities (ESE) may need additional time (i.e., longer than the regular school year), to master the student performance standards associated with a regular Occupational Completion Point (OCP) or a Modified Occupational Completion Point (MOCP). If needed, a student may enroll in the

same career and technical course more than once. Documentation should be included in the IEP that clearly indicates that it is anticipated that the student may need an additional year to complete an OCP/MOCP. The student should work on different competencies and new applications of competencies each year toward completion of the OCP/MOCP. After achieving the competencies identified for the year, the student earns credit for the course. It is important to ensure that credits earned by students are reported accurately. The district's information system must be designed to accept multiple credits for the same course number for eligible students with disabilities.

Some secondary students with disabilities (ESE) may need additional time (i.e., longer than the regular school year), to master the student performance standards associated with a regular Occupational Completion Point (OCP) or a Modified Occupational Completion Point (MOCP). If needed, a student may enroll in the same career and technical course more than once. Documentation should be included in the IEP that clearly indicates that it is anticipated that the student may need an additional year to complete an OCP/MOCP. The student should work on different competencies and new applications of competencies each year toward completion of the OCP/MOCP. After achieving the competencies identified for the year, the student earns credit for the course. It is important to ensure that credits earned by students are reported accurately. The district's information system must be designed to accept multiple credits for the same course number for eligible students with disabilities.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Private Security Officer
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

Secondary – Career Preparatory

Program Number	8918031
CIP Number	0743010900
Grade Level	12
Standard Length	1 credit
Teacher Certification	LAW ENF @7 7G PUB SERV 7 G
CTSO	Skills USA, FPSA Inc.
SOC Codes (all applicable)	33-9032 Security Guards
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety & Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety & Security career cluster.

Program Structure

This program is a planned sequence of instruction consisting of one credit. When the recommended sequence is followed, the structure will allow students to complete a specified portion of the program for employment. Per DOACS regulations, Section 5N-1.140, F.A.C., an applicant for a Class "D" Security Officer license may fulfill the training requirement by completion of this program. NOTE: School must be certified by DOACS in order to give industry certificate.

The following table illustrates the secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code	Level	Graduation Requirements
A	8918031	Private Security Officer	1 credit	33-9032	3	VO

Graduation Requirement Abbreviations-(EQ= Equally Rigorous Science, PA= Practical Arts, EC= Economics, VO= Career and Technical Education)

Academic Alignment Table

Academic alignment is an ongoing, collaborative effort of professional educators specializing in the fields of science, mathematics, English/language arts, and Career and Technical Education (CTE). This initiative supports CTE programs by improving student performance through the integration of academic content within CTE courses. Career and Technical Education courses that have been aligned to the Next Generation Sunshine State Standards for Science and the Florida Standards for Mathematics and English/Language Arts will show the following data: the quantity of academic standards in the CTE course; the total number of standards contained in the academic course; and the percentage of alignment to the CTE course.

Courses	Anatomy/ Physiology Honors	Astronomy Solar/Galactic Honors	Biology 1	Chemistry 1	Earth- Space Science	Environmental Science	Genetics	Integrated Science	Marine Science 1 Honors	Physical Science	Physics 1
8918031	0/87 **	0/80 **	0/83 **	0/69 **	0/67 **	0/70 **	0/69 **	0/82 **	0/66 **	0/74 **	0/72 **

** Alignment pending review

Alignment attempted, but no correlation to academic course

Courses	Algebra 1	Algebra 2	Geometry	English 1	English 2	English 3	English 4
8918031	0/67 **	0/75 **	0/54 **	0/46 **	0/45 **	0/45 **	0/45 **

** Alignment pending review

Alignment attempted, but no correlation to academic course

Florida Standards for Technical Subjects

Florida Standards (FS) for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects are the critical reading and writing literacy standards designed for grade 6 and above. These standards are predicated on teachers of history/social studies, science, and technical subjects using their content area expertise to help students meet the particular challenges of reading, writing, speaking, listening, and language in their respective fields. It is important to note that the 6-12 literacy standards in history/social studies, science, and technical subjects are not meant to replace content standards in those areas but rather to supplement them.

This curriculum framework incorporates the grades 9-10 reading and writing literacy standards in the first two courses of this CTE program and grade 11-12 reading and writing literacy standards in the third and fourth courses of this CTE program. The standards for Mathematical Practices describe varieties of expertise that educators at all levels should seek to develop in their students. These practices rest on important “processes and proficiencies” with longstanding importance in mathematics education. This curriculum framework incorporates the appropriate mathematical practices in the first four courses of this CTE program.

Regulated Programs

The **Florida Department of Agriculture and Consumer Services, Division of Licensing** is responsible for establishing standards for the employment and training of full-time private security, private investigative, and recovery services through licensure and regulation of those industries pursuant to Chapter 493, Florida Statutes.

Common Career Technical Core – Career Ready Practices

Career Ready Practices describe the career-ready skills that educators should seek to develop in their students. These practices are not exclusive to a Career Pathway, program of study, discipline or level of education. Career Ready Practices should be taught and reinforced in all career exploration and preparation programs with increasingly higher levels of complexity and expectation as a student advances through a program of study.

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly, effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.
10. Plan education and career path aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural/global competence.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Methods and strategies for using Florida Standards for grades 11-12 reading in Technical Subjects for student success in Private Security Officer.
- 02.0 Methods and strategies for using Florida Standards for grades 11-12 writing in Technical Subjects for student success in Private Security Officer.
- 03.0 Methods and strategies for using Florida Standards for grades 11-12 Mathematical Practices in Technical Subjects for student success in Private Security Officer.
- 04.0 Understand the requirements of Chapter 493, F.S., and 5N-1, F.A.C., regulating the private security industry in Florida.
- 05.0 Understand Chapter 776, F.S., and the legal authority and liability for security actions involving the use of force.
- 06.0 Apply basic first aid and cardiopulmonary resuscitation (CPR) techniques.
- 07.0 Conduct emergency procedures.
- 08.0 Understand the importance of ethics and professional conduct.
- 09.0 Access Control.
- 10.0 Demonstrate patrol techniques.
- 11.0 Make observations and write reports concerning security incidents.
- 12.0 Demonstrate interviewing techniques.
- 13.0 Conduct security duties regarding fire detection, suppression and life safety.
- 14.0 Perform crime and accident prevention techniques.
- 15.0 Perform crime and accident scene protection.
- 16.0 Terrorism Awareness.
- 17.0 Identify entrepreneurship opportunities in the private security industry.
- 18.0 Demonstrate employability skills in the private security industry.
- 19.0 Understand the importance of public and interagency relations.
- 20.0 Demonstrate courtroom procedures.
- 21.0 Understand the fundamentals of personal security.
- 22.0 Demonstrate interpersonal communication skills.
- 23.0 Demonstrate professional communication skills.
- 24.0 Perform traffic control.
- 25.0 Perform crowd control.
- 26.0 Identify special problems for security.
- 27.0 Terrorism Awareness.
- 28.0 Have an awareness of violence in the workplace.

**Florida Department of Education
Student Performance Standards**

Course Title: Private Security Officer
Course Number: 8918031
Course Credit: 1

Course Description:

The purpose of this program is to prepare students for employment as a Private Security Officer (SOC 33-9032). The content includes, but is not limited to, legal issues, basic first aid, emergency procedures, ethics and professional conduct, access control, patrol techniques, report writing, interview techniques, fire safety, crime and accident prevention and protection, terrorism awareness, public relations, courtroom procedures, communication skills, and personal protection.

Florida Standards		Correlation to CTE Program Standard #
01.0	Methods and strategies for using Florida Standards for grades 11-12 reading in Technical Subjects for student success in Private Security Officer.	
01.01	Key Ideas and Details	
01.01.1	Cite specific textual evidence to support analysis of science and technical texts, attending to important distinctions the author makes and to any gaps or inconsistencies in the account. LAFS.1112.RST.1.1	
01.01.2	Determine the central ideas or conclusions of a text; trace the text's explanation or depiction of a complex process, phenomenon, or concept; provide an accurate summary of the text. LAFS.1112.RST.1.2	
01.01.3	Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text. LAFS.1112.RST.1.3	
01.02	Craft and Structure	
01.02.1	Determine the meaning of symbols key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics. LAFS.1112.RST.2.4	
01.02.2	Analyze how the text structures information or ideas into categories or hierarchies, demonstrating understanding of the information or ideas. LAFS.1112.RST.2.5	
01.02.3	Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, identifying important	

Florida Standards		Correlation to CTE Program Standard #
	issues that remain unresolved. LAFS.1112.RST.2.6	
01.03 Integration of Knowledge and Ideas		
01.03.1	Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g. quantitative data, video, multimedia) in order to address a question or solve a problem. LAFS.1112.RST.3.7	
01.03.2	Evaluate the hypotheses, data, analysis, and conclusions in a science or technical text, verifying the data when possible and corroborating or challenging conclusions with other sources of information. LAFS.1112.RST.3.8	
01.03.3	Synthesize information from a range of sources (e.g., texts, experiments, simulations) into a coherent understanding of a process, phenomenon, or concept, resolving conflicting information when possible. LAFS.1112.RST.3.9	
01.04 Range of Reading and Level of Text Complexity		
01.04.1	By the end of grade 11, read and comprehend literature [informational texts, history/social studies texts, science/technical texts] in the grades 11–CCR text complexity band proficiently, with scaffolding as needed at the high end of the range.	
01.04.2	By the end of grade 12, read and comprehend literature [informational texts, history/social studies texts, science/technical texts] at the high end of the grades 11–CCR text complexity band independently and proficiently. LAFS.1112.RST.4.10	
02.0 Methods and strategies for using Florida Standards for grades 11-12 writing in Technical Subjects for student success in Private Security Officer.		
02.01 Text Types and Purposes		
02.01.1	Write arguments focused on discipline-specific content. LAFS.1112.WHST.1.1	
02.01.2	Write informative/explanatory texts, including the narration of historical events, scientific procedures/experiments, or technical processes. LAFS.1112.WHST.1.2	
02.02 Production and Distribution of Writing		
02.02.1	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. LAFS.1112.WHST.2.4	
02.02.2	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. LAFS.1112.WHST.2.5	

Florida Standards		Correlation to CTE Program Standard #
02.02.3	Use technology, including the Internet, to produce, publish, and update individual or shared writing products in response to ongoing feedback, including new arguments or information. LAFS.1112.WHST.2.6	
02.03	Research to Build and Present Knowledge	
02.03.1	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation. LAFS.1112.WHST.3.7	
02.03.2	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the specific task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation. LAFS.1112.WHST.3.8	
02.03.3	Draw evidence from informational texts to support analysis, reflection, and research. LAFS.1112.WHST.3.9	
02.04	Range of Writing	
02.04.1	Write routinely over extended time frames (time for reflection and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences. LAFS.1112.WHST.4.10	
03.0	Methods and strategies for using Florida Standards for grades 11-12 Mathematical Practices in Technical Subjects for student success Private Security Officer.	
03.01	Make sense of problems and persevere in solving them. MAFS.K12.MP.1.1	
03.02	Reason abstractly and quantitatively. MAFS.K12.MP.2.1	
03.03	Construct viable arguments and critique the reasoning of others. MAFS.K12.MP.3.1	
03.04	Model with mathematics. MAFS.K12.MP.4.1	
03.05	Use appropriate tools strategically. MAFS.K12.MP.5.1	
03.06	Attend to precision. MAFS.K12.MP.6.1	
03.07	Look for and make use of structure.	

Florida Standards	Correlation to CTE Program Standard #	
	MAFS.K12.MP.7.1	
03.08 Look for and express regularity in repeated reasoning.	MAFS.K12.MP.8.1	

Abbreviations:

FS-M/LA = Florida Standards for Math/Language Arts

NGSSS-Sci = Next Generation Sunshine State Standards for Science

Note: This course is pending alignment in the following categories: FS-M/LA and NGSSS-Sci.

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
04.0 Understand the requirements of Chapter 493, F.S., and 5N-1, F.A.C., regulating the private security industry in Florida--The student will be able to:		
04.01 Discuss the necessity of regulation of the private security industry.		
04.02 Demonstrate knowledge of the definitions listed in Chapter 493.6101, F.S.		
04.03 Identify those people who may perform the duties of a private security officer, but to whom Chapter 493, F.S. does not apply.		
04.04 Understand the process involved in the initial application for licensure as outlined in Section 493.6105, F.S. and 5N-1.120, F.A.C.		
04.05 Understand the licensure and posting requirements specified in Section 493.6106, F.S.		
04.06 Recognize that the DOACS shall conduct an investigation of an applicant prior to the issuance of a license, and that the investigation will include the items listed in Section 493.6108, F.S.		
04.07 Understand license contents and duration, and the requirement to carry such license while on duty as a private security officer as stated in Section 493.6111, F.S.		
04.08 Know the requirements of license renewal per Section 493.6113, F.S.		
04.09 Understand the requirements of Section 493.6114, F.S., for canceling or inactivating a license.		
04.10 Understand the prohibitions to carrying a weapon or firearm as listed in Section 493.6115, F.S. and 790.06, F.S.		
04.11 Discuss the grounds for disciplinary action by the DOACS against a licensee, agency or applicant as specified in Section 493.6118, F.S.		
04.12 Understand the penalties for violation of the provisions of Chapter 493, F.S. as listed in Section 5N-1.113, F.A.C.		
04.13 Understand the restrictions against use of the Great Seal of the State of Florida stated in Section 493.6124, F.S.		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
04.14 Know the different classes, purposes and costs of licenses listed in Section 493.6301, F.S. and Section 5N-1.116, F.A.C.		
04.15 Know when the exceptions to wearing a uniform while on duty apply per Section 493.6305, F.S.		
04.16 Understand the authority and restrictions regarding use of exterior lights on security vehicles while patrolling private property per Section 316.2397, F.S.		
04.17 Understand the uniform, badge and insignia restrictions listed in Section 843.085, F.S. and that impersonating a law enforcement officer is an offense for which disciplinary action may be taken by DOACS.		
04.18 Recognize that complaints of a violation of Chapter 493, F.S. or 5N-1, F.A.C. shall be filed with, and investigated by, the DOACS and that, if probable cause exists to believe a violation has occurred, cases shall be conducted in accordance with Section 120.565, F.S. or Chapter 28-4, F.A.C.		
04.19 Understand prohibited activities and requirements as listed in Section 5N-1.124, F.A.C.		
04.20 Understand the restrictions on carrying ammunition as specified in Section 5N-1.129, F.A.C.		
05.0 Understand Chapter 776, F.S., and the legal authority and liability for security actions involving the use of force--The student will be able to:		
05.01 Identify criminal laws and procedures relative to common crimes, such as theft, assault, battery, robbery and burglary.		
05.02 Identify the limitations of arrest authority (i.e. citizen arrest, retail theft)		
05.03 Know the types of force, and purposes of its use, as stated in Chapter 776, F.S.		
05.04 Define reasonable force and comprehend the liabilities and effects of the use of force.		
05.05 Discuss the legal aspects of firearms, know the definition of deadly force and comprehend the circumstances and officer must consider before using it.		
05.06 Explain the rights of victims and witnesses and how these rights apply to all individuals, including security officers, who may be victims or witnesses.		
05.07 Explain civil and criminal court rules, procedures, and courtroom demeanor for giving testimony and presenting evidence.		
05.08 Explain subpoena, deposition, and pretrial hearing, including who is required to attend, what to do and what to avoid.		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
05.09 Explain the roles in criminal and civil court for the judge, prosecutor, defense attorney, jury and security officer.		
05.10 Identify types of questions a witness may be asked and ways to prepare for testifying.		
05.11 Understand the proper response to a crime in progress.		
05.12 Understand the guidelines for when a client requests a search.		
06.0 Apply basic first aid techniques--The student will be able to:		
06.01 Demonstrate basic first aid techniques to service a victim's needs until professional assistance arrives.		
06.02 Understand basic first aid instructions on various injuries, wounds and shock and emergency response requirements.		
06.03 Understand the Florida Good Samaritan Act.		
06.04 Be oriented to Blood Borne Pathogens.		
07.0 Conduct emergency procedures--The student will be able to:		
07.01 Identify emergency plans for fire and bomb threat evacuations.		
07.02 Explain natural disaster preparation and responses (i.e., hurricanes and floods)		
07.03 Use appropriate security tactics in special circumstances, such as a major electrical failure.		
08.0 Understand the importance of ethics and professional conduct--The student will be able to:		
08.01 Describe what professional conduct is for a security officer.		
08.02 Define the code of conduct/ethics for security officers.		
08.03 Understand "command presence" and the symbolism of a uniform and proper personal grooming.		
08.04 Discuss the importance of the uniform and proper personal grooming to image and professionalism in using assertive techniques to maintain security.		
08.05 Discuss discipline issues.		
08.06 Discuss maintaining work-readiness and alertness and how to cope with shift work/sleep adjustment issues.		
08.07 Discuss the importance of honesty in dealing with the public, employees and supervisors.		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
08.08 Demonstrate techniques of how to develop rapport with management, employees, guests and visitors.		
08.09 Define what Sexual Harassment is.		
08.10 Discuss Internet, cell phone, and text-messaging etiquette.		
09.0 Access Control–The student will be able to:		
09.01 Describe procedures for people.		
09.02 Describe procedures for vehicles.		
09.03 Describe different basic technology available.		
09.04 Define the TWIC system.		
10.0 Demonstrate patrol techniques--The student will be able to:		
10.01 Describe the types of patrols.		
10.02 Define "patrolling" and explain the purposes for patrolling areas.		
10.03 Describe fixed post duties and vehicle control.		
10.04 Identify the required equipment for security patrols.		
10.05 Demonstrate foot patrol, mobile patrol, vehicle safety, and defensive-driving techniques.		
10.06 Explain effective patrolling techniques, including preventive patrols and fire watches.		
11.0 Make observations and write reports concerning security incidents--The student will be able to:		
11.01 Explain and demonstrate basic observation techniques		
11.02 Prepare field notes and record initial observations concerning security incidents.		
11.03 Define the six interrogatives elements of a report: who, what, when, where, why and how.		
11.04 Define the characteristics of a good report: clear, neat, complete, brief, accurate, and timely.		
11.05 Describe the process for completing a report: generating ideas to include; outlining, writing and revising a draft; and proofreading the final report for correct grammar, punctuation, and capitalization.		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
11.06 Recognize sample reports common to the private security industry.		
11.07 Introduce student to bullet-style outlines.		
12.0 Demonstrate interviewing techniques--The student will be able to:		
12.01 Explain what an interview is.		
12.02 Identify the purpose and styles of interviews and explain how to motivate the person being interviewed.		
12.03 Use effective communication techniques to develop rapport with victims, witnesses, and suspects during an interview.		
12.04 Apply different approaches to interviews, including methods for ending an interview.		
12.05 Define deceptive cues.		
13.0 Conduct security duties regarding fire detection, suppression and life safety--The student will be able to:		
13.01 Discuss the mission of the security officer regarding fires.		
13.02 Define fire, highlighting the necessary ingredients.		
13.03 Explain the responsibilities of the security officer regarding: fire prevention and fire extinguishing.		
13.04 Explain how to prevent and control fires and notify the fire department.		
a. Describe sodium fires and acids.		
b. Describe procedures for controlling small fires.		
c. Identify extinguishing methods (cooling, smothering, and starving), list extinguishing agents, and identify markings on containers of extinguishing agents for use with different fires.		
13.05 Be familiar with life safety issues, such as:		
a. Life safety plans.		
b. Fire detection, location and intensity		
c. Evacuation		
13.06 Explain Section 877.15, F.S., failure to control or report a dangerous fire.		

CTE Standards and Benchmarks		FS-M/LA	NGSSS-Sci
14.0	Perform crime and accident prevention techniques--The student will be able to:		
14.01	Perform access control and explain methods of prevention of thefts by use of lock, inspection or alarm technology.		
14.02	Explain methods of prevention of injury, elimination of hazards and reporting.		
14.03	Explain methods of prevention including securing company equipment, property and reporting deficiencies.		
14.04	Use telecommunications equipment.		
14.05	Define how CCTV can be used.		
15.0	Perform crime and accident scene protection--The student will be able to:		
15.01	Define a crime scene.		
15.02	Understand the value of crime/accident scene integrity to investigators, etc.		
15.03	Define the duties of the first security officer on the scene to:		
	a. Determine what makes up the crime/accident scene.		
	b. Isolate and protect the crime/accident scene.		
	c. Identify witnesses.		
15.04	Identify work habits of successful employees.		
15.05	Understand evidence preservation and define "chain of custody".		
15.06	Discuss effects of contamination of evidence.		
16.0	Terrorism Awareness--The student will be able to:		
16.01	Definition and history of terrorism		
16.02	National threat levels		
16.03	Types of terrorist attacks		
16.04	Role of security officer		
16.05	Recognition and response to potential terrorist activities		

CTE Standards and Benchmarks		FS-M/LA	NGSSS-Sci
17.0	Identify entrepreneurship opportunities in the private security industry--The student will be able to:		
17.01	Describe the meaning of entrepreneurship and the types of businesses created by entrepreneurs that require security.		
17.02	Describe security businesses that serve the general public, private corporations, and other private organizations or groups.		
17.03	Describe the risks, advantages, responsibilities, and state and local licensing requirements for establishing a business that provides security.		
17.04	Compare personal traits and assets required of an entrepreneur in the security industry to those required of an employee.		
17.05	Compare opportunities for starting a security business to other job opportunities in the security industry.		
18.0	Demonstrate employability skills in the private security industry--The student will be able to:		
18.01	Conduct a job search and identify advanced-training opportunities and requirements in the security industry.		
18.02	Identify an employer's cost for security services and other major business investments.		
18.03	Obtain information on different job titles, licensing requirements, job responsibilities, rates of pay, employee benefits, work conditions, risks, and opportunities for career advancement in the security industry.		
18.04	Write a resume and modify it for different types of security jobs.		
18.05	Write a letter of introduction to a prospective employer.		
18.06	Obtain and complete sample application forms for employment as a private security officer.		
18.07	Demonstrate appropriate demeanor and interview techniques with prospective employers.		
18.08	Identify work habits of successful employees.		
18.09	Describe methods of making job changes appropriately.		
18.10	Demonstrate appropriate responses to performance evaluations from supervisors and others in the workplace.		
19.0	Understand the importance of public relations--The student will be able to:		
19.01	Explain the importance of security and law enforcement relations.		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
19.02 Explain the importance of security and firefighter/EMT interactions.		
19.03 Describe the relations with the media.		
19.04 Describe the importance of community relations.		
19.05 Explain courtesy and etiquette issues in how they relate to security.		
20.0 Demonstrate courtroom procedures--The student will be able to:		
20.01 Explain the security officer's role as a witness in both criminal and civil court.		
20.02 Explain the roles of the judge, prosecutor, defense attorney and jury.		
20.03 Explain the security officer's rights as a victim/witness.		
20.04 Identify the types of questions a witness may be asked.		
20.05 Understand the use of reference records; value of good notes and reports; and the use of security records in court.		
20.06 Explain subpoena, deposition and pretrial hearing; who is required to attend; and discussing the case do's and don'ts.		
20.07 Discuss courtroom testimony issues; preparation and giving testimony.		
20.08 Demonstrate proper courtroom demeanor.		
21.0 Understand the fundamentals of personal security--The student will be able to:		
21.01 Explain the use of cognitive and affective skills in expressing calmness, courtesy, patience, and self-control.		
21.02 Describe techniques for diffusing hostility.		
21.03 Describe safety concerns and steps to follow when responding to potentially violent situations and violent crimes.		
a. Evasive tactics.		
b. Describe weapons safety practices and ways to decrease the accidental or deliberate use of weapons.		
c. Describe the types of weapons--such as batons, chemical weapons, knives, and guns--that might be used against a security officer or other individuals in violent situations.		
d. Identify unarmed methods for responding to violent crimes, discouraging the use of weapons, and enhancing weapon		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
safety.		
e. Review the security officer's use of weapons as outlined in Chapter 493, Florida Statutes.		
22.0 Demonstrate interpersonal communication skills--The student will be able to:		
22.01 Understand perception factors - appearance, body language, tone of voice, etc.		
22.02 Understand the importance of clarity in verbal and written communication.		
22.03 Demonstrate professional communication skills.		
22.04 Identify the effects of threats or challenges which are directed toward the security officer.		
22.05 Identify the effects of threats or challenges which are directed toward a citizen by the security officer.		
23.0 Demonstrate professional communications skills--The student will be able to:		
23.01 Demonstrate two-way radio use and procedures.		
23.02 Demonstrate proper telephone etiquette.		
23.03 Demonstrate other professional communication techniques		
24.0 Perform traffic control--The student will be able to:		
24.01 Describe general responsibilities of traffic controllers.		
24.02 Identify areas where security officer may direct traffic (i.e. private property, special events, and parking lots).		
24.03 Demonstrate position and posture in directing traffic.		
24.04 Identify practical hand signals.		
24.05 Identify safety equipment used during traffic direction.		
24.06 Demonstrate use of the whistle, the flashlight, traffic cones and flares.		
25.0 Perform crowd control--The student will be able to:		
25.01 Identify the types of crowds (i.e. peaceful, hostile, demonstration, etc.).		
25.02 Discuss the characteristics of crowds.		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
25.03 Identify methods for directing the flow of crowd traffic.		
25.04 Understand the importance of teamwork among security officers in crowd control situations.		
25.05 Demonstrate crowd control techniques (i.e. interaction procedures, effective assertiveness, issuing directives, eliciting cooperation and identifying agitator).		
25.06 Demonstrate effective security officer behavior in crowd control situations.		
25.07 Describe riot and protest preparation.		
26.0 Identify special problems for security--The student will be able to:		
26.01 Know the fundamentals of understanding unique behavior: dealing with disabilities; the emotionally distressed; elderly; juveniles; and transients and trespassers.		
26.02 Know the definition of, and be able to identify, controlled substances.		
26.03 Recognize when you are dealing with someone under the influence.		
26.04 Know the duties of an Occupational Safety and Health Administration (OSHA) first responder including HAZMAT, how to read and understand labels, how to respond to a hazardous incident and security officer safety and accident prevention.		
27.0 Terrorism Awareness--The student will be able to:		
27.01 Dynamics of a terrorist attack.		
27.02 Proactive Counter Intelligence and Operational Security (OPSEC).		
27.03 Physical security and access control.		
27.04 Bomb incident response.		
27.05 Mail screening:		
a. Biological/Chemical		
b. Explosive		
27.06 Types of attacks and responses (BENICE):		
a. Biological		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
b. Explosive		
c. Nuclear		
d. Incendiary		
e. Chemical		
f. Energetic		
g. Samples of Florida incidents.		
28.0 Have an awareness of violence in the workplace–The student will be able to:		
28.01 Describe the history, scope, and incidence of violence in the workplace.		
28.02 Be aware of potential violence.		
28.03 Explain security actions in preventing workplace violence, including use of physical security measures, detection of abnormalities, and reporting of incidents.		
28.04 Discuss responding to violent behavior.		
28.05 Explain the role of a security officer in providing assistance to, and cooperating with, trauma teams during crisis management.		

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

This program prepares secondary students for the unarmed Private Security Officer, Class "D" license, and occupations that require security licensing in accordance with Chapter 493, F.S. and Chapter 5N-1.140, F.A.C.

<http://www.freshfromflorida.com/Divisions-Offices/Licensing/Private-Security>

The **Florida Department of Agriculture and Consumer Services (DOAGS)** is responsible for establishing uniform minimum standards for the employment and training of full-time and part-time Security Officers.

<https://licensing.freshfromflorida.com/forms/SecurityOfficerCurriculumGuide.pdf>

The occupational standards and benchmarks outlined in this secondary program correlate to the standards and benchmarks of the postsecondary program with the same Classification of Instructional Programs (CIP) number.

Career and Technical Student Organization (CTSO)

SkillsUSA and FPSA, Inc. are the inter-curricular career and technical student organization providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. The activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065, F.A.C.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional

methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an IEP served in Exceptional Student Education (ESE)) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Some secondary students with disabilities (ESE) may need additional time (i.e., longer than the regular school year), to master the student performance standards associated with a regular Occupational Completion Point (OCP) or a Modified Occupational Completion Point (MOCP). If needed, a student may enroll in the same career and technical course more than once. Documentation should be included in the IEP that clearly indicates that it is anticipated that the student may need an additional year to complete an OCP/MOCP. The student should work on different competencies and new applications of competencies each year toward completion of the OCP/MOCP. After achieving the competencies identified for the year, the student earns credit for the course. It is important to ensure that credits earned by students are reported accurately. The district's information system must be designed to accept multiple credits for the same course number for eligible students with disabilities.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Introduction to Fire Fighting
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

Secondary – Career Preparatory

Program Number	8918200
CIP Number	0743020301
Grade Level	10-12, 30, 31
Standard Length	3 credits
Teacher Certification	FIRE FIGHT @7 7 G
CTSO	SkillsUSA, FPSA Inc.
SOC Codes (all applicable)	33-2011 Firefighters
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety & Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety & Security career cluster.

The introduction to firefighting program content includes, but is not limited to, orientation to the fire service, fire alarms and communication, vehicles, apparatus and equipment, fire behavior, portable extinguishers, fire streams, fundamentals of extinguishment, ladders, hoses, tools and equipment, forcible entry, salvage, overhaul, ventilation, rescue, protective breathing equipment, first responder emergency, medical techniques, water supplies, principles of in-service inspections, safety, controlled burning, and employability skills.

Reinforcement of basic skills in English, mathematics, and science appropriate for the job preparatory programs is provided through career and technical classroom instruction and applied laboratory procedures or practice. This program focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the public service industry; planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues and health, safety and environmental issues.

Program Structure

This cluster is a planned sequence of instruction consisting of three courses that will provide a foundation in Fire Science for additional postsecondary instruction.

The following table illustrates the secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code	Level	Graduation Requirement
A	8918210	Fire Fighting 1	1 credit	33-2011	2	VO
	8918220	Fire Fighting 2	1 credit		2	VO
	8918230	Fire Fighting 3	1 credit		3	VO

Graduation Requirement Abbreviations- EQ= Equally Rigorous Science, PA= Practical Arts, EC= Economics, VO= Career and Technical Education)

Academic Alignment Table

Academic alignment is an ongoing, collaborative effort of professional educators specializing in the fields of science, mathematics, English/language arts, and Career and Technical Education (CTE). This initiative supports CTE programs by improving student performance through the integration of academic content within CTE courses. Career and Technical Education courses that have been aligned to the Next Generation Sunshine State Standards for Science and the Florida Standards for Mathematics and English/Language Arts will show the following data: the quantity of academic standards in the CTE course; the total number of standards contained in the academic course; and the percentage of alignment to the CTE course.

Courses	Anatomy/ Physiology Honors	Astronomy Solar/Galactic Honors	Biology 1	Chemistry 1	Earth-Space Science	Environmental Science	Genetics	Integrated Science	Marine Science 1 Honors	Physical Science	Physics 1
8918210	0/87 **	0/80 **	0/83 **	0/69 **	0/67 **	0/70 **	0/69 **	0/82 **	0/66 **	0/74 **	0/72 **
8918220	0/87 **	0/80 **	0/83 **	0/69 **	0/67 **	0/70 **	0/69 **	0/82 **	0/66 **	0/74 **	0/72 **
8918230	0/87 **	0/80 **	0/83 **	0/69 **	0/67 **	0/70 **	0/69 **	0/82 **	0/66 **	0/74 **	0/72 **

** Alignment pending review

Alignment attempted, but no correlation to academic course

Courses	Algebra 1	Algebra 2	Geometry	English 1	English 2	English 3	English 4
8918210	0/67 **	0/75 **	0/54 **	0/46 **	0/45 **	0/45 **	0/45 **
8918220	0/67 **	0/75 **	0/54 **	0/46 **	0/45 **	0/45 **	0/45 **
8918230	0/67 **	0/75 **	0/54 **	0/46 **	0/45 **	0/45 **	0/45 **

** Alignment pending review

Alignment attempted, but no correlation to academic course

Florida Standards for Technical Subjects

Florida Standards (FS) for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects are the critical reading and writing literacy standards designed for grade 6 and above. These standards are predicated on teachers of history/social studies, science, and technical subjects using their content area expertise to help students meet the particular challenges of reading, writing, speaking, listening, and language in their respective fields. It is important to note that the 6-12 literacy standards in history/social studies, science, and technical subjects are not meant to replace content standards in those areas but rather to supplement them.

This curriculum framework incorporates the grades 9-10 reading and writing literacy standards in the first two courses of this CTE program and grade 11-12 reading and writing literacy standards in the third and fourth courses of this CTE program. The standards for Mathematical Practices describe varieties of expertise that educators at all levels should seek to develop in their students. These practices rest on important “processes and proficiencies” with longstanding importance in mathematics education. This curriculum framework incorporates the appropriate mathematical practices in the first four courses of this CTE program.

Regulated Programs

Pursuant to 633.128, Florida Statutes, the Department of Financial Service, Division of State Fire Marshal, has established training requirements for firefighters and volunteer firefighters. These requirements are implemented by Rule 69A-37.055, Florida Administrative Code. **(NOTE: The curriculum frameworks are subject to change by the Bureau of Fire Standards and Training (BFST) as IAW statutory or Florida Administrative Code (F.A.C.) rule changes.)**

The **Bureau of Fire Standards and Training (BFST)** is responsible for establishing uniform minimum standards for the employment and training of firefighters and volunteer firefighters and for establishing and maintaining firefighting training programs, curricula requirements, and certification of training schools and training school instructors.

The **Bureau of Fire Standards and Training (BFST)** approved curricula is available at:
http://www.myfloridacfo.com/Division/SFM/BFST/Training/documents/Syllabus_FirefighterPartI.pdf

Common Career Technical Core – Career Ready Practices

Career Ready Practices describe the career-ready skills that educators should seek to develop in their students. These practices are not exclusive to a Career Pathway, program of study, discipline or level of education. Career Ready Practices should be taught and reinforced in all career exploration and preparation programs with increasingly higher levels of complexity and expectation as a student advances through a program of study.

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly, effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.
10. Plan education and career path aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural/global competence.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Methods and strategies for using Florida Standards for grades 09-10 reading in Technical Subjects for student success in Introduction to Fire Fighting.
- 02.0 Methods and strategies for using Florida Standards for grades 09-10 writing in Technical Subjects for student success in Introduction to Fire Fighting.
- 03.0 Methods and strategies for using Florida Standards for grades 09-10 Mathematical Practices in Technical Subjects for student success in Introduction to Fire Fighting.
- 04.0 Describe how the history and culture of the fire service influence its basic mission, the roles within it, and the skills needed to operate as part of the fire service.
- 05.0 Discuss how firefighter health, safety prevention, and situational awareness are interrelated parts of preventing on-the-job injuries.
- 06.0 Discuss external and internal communications in the fire service and display the correct communication skills during emergency and nonemergency calls.
- 07.0 Explain how common building materials and construction methods are impacted by fire and explain how construction methods of basic building materials can either contribute to, or help control, fire spread.
- 08.0 Explain the science of fire behavior as it relates to recognizing stages of fire development, rapid fire behavior, and firefighting operational safety.
- 09.0 Properly use and care for PPE and describe how it can protect firefighters and the limitations of Personal protective equipment.
- 10.0 Select, use, and correctly maintain portable fire extinguishers.
- 11.0 Select rope and webbing based on proposed use and tie the appropriate knot for various tasks such as securing and raising objects.
- 12.0 Describe and perform search and victim removal methods as well as firefighter survival skills.
- 13.0 Identify emergency scene lighting equipment.
- 14.0 Explain and perform forcible entry and breaching operations.
- 15.0 Select, carry and deploy the appropriate ladder for various tasks such as entry and rescue.
- 16.0 Methods and strategies for using Florida Standards for grades 11-12 reading in Technical Subjects for student success in Introduction to Fire Fighting.
- 17.0 Methods and strategies for using Florida Standards for grades 11-12 writing in Technical Subjects for student success in Introduction to Fire Fighting.
- 18.0 Methods and strategies for using Florida Standards for grades 11-12 Mathematical Practices in Technical Subjects for student success in Introduction to Fire Fighting.
- 19.0 Apply tactical ventilation knowledge and practices following AHJ policies and procedures.
- 20.0 Discuss the various components of water supply systems and describe alternative water supply sources used for rural water supply.
- 21.0 Describe fire hose characteristics, inspection and maintenance procedures, and perform various hose rolls, loads, and finishes.
- 22.0 Describe characteristics of fire streams and their uses.
- 23.0 Describe how and perform skills to control structural fires, Class C and D fires, vehicle, and ground cover fires.
- 24.0 Apply loss control knowledge and practices following AHJ policies and procedures.
- 25.0 Describe the role of the Firefighter I in the development and implementation of a fire and life safety program.

**Florida Department of Education
Student Performance Standards**

Course Title: Fire Fighting 1
Course Number: 8918210
Course Credit: 1

Course Description:

This course is to provide an introduction to a career of Fire Science that can lead to employment, after further instruction, to a career as a fire fighter or other disciplines in the Fire Science realm.

Florida Standards		Correlation to CTE Program Standard #
01.0	Methods and strategies for using Florida Standards for grades 09-10 reading in Technical Subjects for student success in Introduction to Fire Fighting.	
01.01	Key Ideas and Details	
01.01.1	Cite specific textual evidence to support analysis of science and technical texts, attending to the precise details of explanations or descriptions. LAFS.910.RST.1.1	
01.01.2	Determine the central ideas or conclusions of a text; trace the text’s explanation or depiction of a complex process, phenomenon, or concept; provide an accurate summary of the text. LAFS.910.RST.1.2	
01.01.3	Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text. LAFS.910.RST.1.3	
01.02	Craft and Structure	
01.02.1	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 9–10 texts and topics. LAFS.910.RST.2.4	
01.02.2	Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., force, friction, reaction force, energy). LAFS.910.RST.2.5	
01.02.3	Analyze the author’s purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, defining the question the author seeks to address.	

Florida Standards		Correlation to CTE Program Standard #
	LAFS.910.RST.2.6	
01.03 Integration of Knowledge and Ideas		
01.03.1	Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words. LAFS.910.RST.3.7	
01.03.2	Assess the extent to which the reasoning and evidence in a text support the author's claim or a recommendation for solving a scientific or technical problem. LAFS.910.RST.3.8	
01.03.3	Compare and contrast findings presented in a text to those from other sources (including their own experiments), noting when the findings support or contradict previous explanations or accounts. LAFS.910.RST.3.9	
01.04 Range of Reading and Level of Text Complexity		
01.04.1	By the end of grade 9, read and comprehend literature [informational texts, history/social studies texts, science/technical texts] in the grades 9–10 text complexity band proficiently, with scaffolding as needed at the high end of the range.	
01.04.2	By the end of grade 10, read and comprehend literature [informational texts, history/social studies texts, science/technical texts] at the high end of the grades 9–10 text complexity band independently and proficiently. LAFS.910.RST.4.10	
02.0 Methods and strategies for using Florida Standards for grades 09-10 writing in Technical Subjects for student success in Introduction to Fire Fighting.		
02.01 Text Types and Purposes		
02.01.1	Write arguments focused on discipline-specific content. LAFS.910.WHST.1.1	
02.01.2	Write informative/explanatory texts, including the narration of historical events, scientific procedures/experiments, or technical processes. LAFS.910.WHST.1.2	
02.02 Production and Distribution of Writing		
02.02.1	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. LAFS.910.WHST.2.4	
02.02.2	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. LAFS.910.WHST.2.5	
02.02.3	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's	

Florida Standards		Correlation to CTE Program Standard #
	capacity to link to other information and to display information flexibly and dynamically. LAFS.910.WHST.2.6	
02.03	Research to Build and Present Knowledge	
02.03.1	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation. LAFS.910.WHST.3.7	
02.03.2	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation. LAFS.910.WHST.3.8	
02.03.3	Draw evidence from informational texts to support analysis, reflection, and research. LAFS.910.WHST.3.9	
02.04	Range of Writing	
02.04.1	Write routinely over extended time frames (time for reflection and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences. LAFS.910.WHST.4.10	
03.0	Methods and strategies for using Florida Standards for grades 09-10 Mathematical Practices in Technical Subjects for student success in Introduction to Fire Fighting.	
03.01	Make sense of problems and persevere in solving them. MAFS.K12.MP.1.1	
03.02	Reason abstractly and quantitatively. MAFS.K12.MP.2.1	
03.03	Construct viable arguments and critique the reasoning of others. MAFS.K12.MP.3.1	
03.04	Model with mathematics. MAFS.K12.MP.4.1	
03.05	Use appropriate tools strategically. MAFS.K12.MP.5.1	
03.06	Attend to precision. MAFS.K12.MP.6.1	
03.07	Look for and make use of structure. MAFS.K12.MP.7.1	

Florida Standards	Correlation to CTE Program Standard #
03.08 Look for and express regularity in repeated reasoning. MAFS.K12.MP.8.1	

Abbreviations:

FS-M/LA = Florida Standards for Math/Language Arts

NGSSS-Sci = Next Generation Sunshine State Standards for Science

Note: This course is pending alignment in the following categories: FS-M/LA and NGSSS-Sci.

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
04.0 Describe how the history and culture of the fire service influence its basic mission, the roles within it, and the skills needed to operate as part of the fire service. –The student will be able to:			
04.01 Summarize the history of the fire service.			
04.02 Explain the organizational characteristics, cultural challenges, and cultural strengths that influence the fire service.			
04.03 Describe the mission of the fire service.			
04.04 Describe the organization of fire departments			
04.05 Distinguish among functions of fire companies.			
04.06 Summarize primary knowledge and skills the firefighter must have to function effectively.			
04.07 Distinguish among the primary roles of fire service personnel.			
04.08 Describe fire department organizational principles.			
04.09 Locate information in departmental documents and standard or code materials.			
04.10 Distinguish between fire department SOPs and rules and regulations.			
04.11 Explain the ways the fire service may interact with other organizations.			
04.12 Describe the organization of the AHJ fire department.			
04.13 Explain the roles of the Firefighter I and Firefighter II as a member of the organization.			
04.14 Demonstrate the ability to use departmental documents, standards or code materials to locate information specific to those materials.			

04.15	Explain the purpose of the FOG.			
04.16	Given Florida Statutes, explain the impact of “duty to drive with due regard for the safety of all persons using the highway” upon emergency driving liability.			
04.17	Given Florida Statutes, identify when the use of red warning signals is authorized for a volunteer’s personal operating vehicle (POV), how many red signals may be displayed on a volunteer’s POV, and what documentation is required to be able to display red signals and where it is to be kept.			
04.18	Identify the requirements to attaining and maintaining a firefighter certificate of completion and a certificate of compliance.			
04.19	Identify three purposes of the Incident Command System (ICS).			
04.20	Identify requirements to use ICS.			
04.21	Describe the basic features of ICS.			
04.22	Describe the role and function of the command staff.			
04.23	Define the roles and functions of the operations, plans, logistics, finance/administration section and the information/intelligence functions.			
04.24	Describe basic ICS facilities.			
04.25	Identify facilities that may be located together.			
04.26	Identify facility map symbols.			
04.27	Describe common mobilization responsibilities.			
04.28	Describe common responsibilities at an incident.			
04.29	List individual accountability responsibilities.			
04.30	Describe common demobilization responsibilities.			
04.31	Describe NIMS concepts and principles.			
04.32	Identify the benefits of using NIMS as a national response model.			
04.33	Identify the organizational structure of ICS.			

04.34	Identify fire major management functions.			
04.35	Describe the purpose of unique position titles in ICS.			
04.36	Explain the roles and responsibilities of the Command and General Staff.			
04.37	Determine when it is appropriate to institute an area command.			
04.38	Describe the functions and purpose of Multiagency Coordination Systems.			
04.39	Describe the Public Information Systems required by NIMS.			
04.40	Identify ways in which NIMS affects how their jurisdictions prepare for incident and events.			
04.41	Describe the advantages of common communication and information management standards.			
04.42	Explain how NIMS will influence technology and technological systems required for emergency response.			
05.0	Discuss how firefighter health, safety prevention, and situational awareness are interrelated parts of preventing on-the-job injuries. –The student will be able to:			
05.01	List the main types of job-related firefighter fatalities, injuries, and illnesses.			
05.02	Describe the National Fire Protection Association® standards related to firefighter safety and health.			
05.03	Identify Occupational Safety and Health Administration (OSHA) regulations and how they relate to firefighters.			
05.04	Summarize the model that supports the concept of risk management.			
05.05	Describe fire department safety and health programs.			
05.06	Summarize firefighter health awareness issues.			
05.07	Summarize safe vehicle operations.			
05.08	Summarize guidelines for riding safely on the apparatus.			
05.09	Describe ways to help prevent accidents and injuries in fire stations and facilities.			
05.10	Explain general guidelines for tool and equipment safety.			
05.11	Describe ways to maintain safety in training.			

05.12	State the practices a Firefighter I uses for emergency scene preparedness and safety.			
05.13	Summarize general guidelines for scene management including highway incidents, crowd control, and cordoning off emergency scenes.			
05.14	Explain the importance of personnel accountability.			
05.15	Explain the two-in two-out requirements of F.S. 633.508(3).			
05.16	Discuss Florida's Firefighter Occupational Safety and Health Administration Regulations.			
06.0	Discuss external and internal communications in the fire service and display the correct communication skills during emergency and nonemergency calls.–The student will be able to:			
06.01	Explain the procedures for receiving emergency and nonemergency external communications.			
06.02	Describe the information required to dispatch emergency services.			
06.03	Describe the systems used for internal communications.			
06.04	Explain radio limitations that may impact internal communications.			
06.05	Describe radio procedures used for internal communications.			
07.0	Explain how common building materials and construction methods are impacted by fire and explain how construction methods of basic building materials can either contribute to, or help control, fire spread.– The student will be able to:			
07.01	Describe the impact of fire on common building materials.			
07.02	Explain the impact of fire on construction classifications.			
07.03	List the main types of occupancy classifications.			
07.04	Describe the basic construction of building components.			
07.05	Describe Florida's marking systems for truss construction.			
08.0	Explain the science of fire behavior as it relates to recognizing stages of fire development, rapid fire behavior, and firefighting operational safety--The student will be able to:			
08.01	Explain the science of fire as it relates to energy, forms of ignition, and Fire Behavior modes of combustion.			

08.02	Describe the impact of thermal energy on heat, temperature, and heat transfer.			
08.03	Recognize the physical states of fuel.			
08.04	Explain the relationship between oxygen and life safety.			
08.05	Identify the products of self-sustained chemical reactions.			
08.06	Explain the factors that affect fire development.			
08.07	Describe the stages of fire development.			
08.08	Recognize signs, causes, and effects of rapid fire development.			
08.09	Describe the methods through which firefighting operations can influence fire behavior.			
09.0	Properly use and care for PPE and describe how it can protect firefighters and the limitations of PPE--The student will be able to:			
09.01	Describe the purpose of personal protective equipment.			
09.02	Describe characteristics of each type of personal protective equipment.			
09.03	Summarize guidelines for the care of personal protective clothing.			
09.04	Explain safety considerations for personal protective equipment.			
09.05	Identify respiratory hazards.			
09.06	Identify types of respiratory protection equipment.			
09.07	Describe the limitations of respiratory protection equipment.			
09.08	Explain methods for storing respiratory protection equipment.			
09.09	Describe general donning and doffing considerations for protective breathing apparatus.			
09.10	Summarize general considerations for protective breathing apparatus inspections and care.			
09.11	Summarize safety precautions for refilling SCBA cylinders.			
09.12	Explain procedures for replacing SCBA cylinders.			
09.13	Explain safety precautions for SCBA use.			

09.14	Describe nonemergency and emergency exit indicators.			
09.15	Describe nonemergency exit techniques.			
10.0	Select, use, and correctly maintain portable fire extinguishers.—The student will be able to:			
10.01	Explain portable fire extinguisher classifications.			
10.02	Describe types of portable fire extinguishers.			
10.03	Define the ratings in a portable fire extinguisher rating system.			
10.04	Explain the considerations taken when selecting and using portable fire extinguishers.			
10.05	Identify procedures used for the inspection, care, and maintenance of portable fire extinguishers.			
11.0	Select rope and webbing based on proposed use and tie the appropriate knot for various tasks such as securing and raising objects--The student will be able to:			
11.01	Compare and contrast the characteristics of life safety rope and utility Ropes and Knots rope.			
11.02	Summarize basic guidelines for rope maintenance.			
11.03	Explain reasons for placing rope out of service.			
11.04	Describe webbing and webbing construction..			
11.05	Describe parts of a rope and considerations in tying a knot.			
11.06	Describe knot characteristics and knot elements.			
11.07	Describe characteristics of knots commonly used in the fire service.			
11.08	Select commonly used rope hardware for specific applications.			
11.09	Summarize hoisting safety considerations.			
12.0	Describe and perform search and victim removal methods as well as firefighter survival skills.—The student will be able to:			
12.01	Summarize the impact of building construction and floor plans on Search and Rescue structural search techniques.			
12.02	Explain size-up and situational awareness considerations during structural searches.			
12.03	Summarize safety guidelines for structural search and rescue.			

12.04	Differentiate between primary and secondary search techniques.			
12.05	Recognize basic search methods.			
12.06	Describe victim removal methods.			
12.07	Explain firefighter survival methods.			
12.08	Explain what survival actions firefighters can take when needed.			
12.09	Describe the actions of a rapid intervention crew or team (RIC/RIT) when locating a downed firefighter.			
13.0	Identify emergency scene lighting equipment.-- The student will be able to:			
13.01	Identify types of emergency scene lighting equipment.			
14.0	Explain and perform forcible entry and breaching operations.			
14.01	Explain the basic principles of forcible entry.			
14.02	Describe the basic construction of locksets.			
14.03	Describe considerations a firefighter must take when using forcible entry tools.			
14.04	Indicate steps needed to care for and maintain forcible entry tools.			
14.05	Explain the ways to force entry through various types of doors.			
14.06	Identify considerations that need to be taken when forcing entry through locks, padlocks, overhead doors, and fire doors.			
14.07	Describe forcible entry methods used for windows.			
14.08	Explain considerations firefighters must take when forcing entry through miscellaneous types of windows and covers.			
14.09	Describe forcible entry methods for breaching walls.			
14.10	Explain forcible entry methods for breaching floors.			
14.11	Indicate methods for forcing fences and gates.			
15.0	Select, carry and deploy the appropriate ladder for various tasks such as entry and rescue.			
15.01	Describe different construction types of ground ladders.			

15.02	Identify the parts of a ladder including markings and labels.			
15.03	Recognize the types of ladders used in the fire service.			
15.04	Explain the considerations addressed by ladder inspection, cleaning, and maintenance.			
15.05	Describe safety guidelines used when handling ladders.			
15.06	Explain considerations taken when selecting, lifting, and lowering a ladder.			
15.07	Describe various methods for ladder carries.			
15.08	Identify basic considerations and requirements for ground ladder placement.			
15.09	Describe various methods for ladder raises.			
15.10	Compare procedures for moving ground ladders.			
15.11	Explain the methods used to secure ladders.			
15.12	Describe ladder climbing considerations.			
15.13	Indicate what methods can be used to work from a ladder.			
15.14	Explain methods used for assisting a victim down a ladder.			

**Florida Department of Education
Student Performance Standards**

Course Title: Fire Fighting 2
Course Number: 8918220
Course Credit: 1

Course Description:

This course is to provide an introduction to a career of Fire Science that can lead to employment, after further instruction, to a career as a fire fighter or other disciplines in the Fire Science realm.

Florida Standards		Correlation to CTE Program Standard #
16.0	Methods and strategies for using Florida Standards for grades 11-12 reading in Technical Subjects for student success in Introduction to Fire Fighting.	
16.01	Key Ideas and Details	
16.01.1	Cite specific textual evidence to support analysis of science and technical texts, attending to important distinctions the author makes and to any gaps or inconsistencies in the account. LAFS.1112.RST.1.1	
16.01.2	Determine the central ideas or conclusions of a text; trace the text’s explanation or depiction of a complex process, phenomenon, or concept; provide an accurate summary of the text. LAFS.1112.RST.1.2	
16.01.3	Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text. LAFS.1112.RST.1.3	
16.02	Craft and Structure	
16.02.1	Determine the meaning of symbols key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics. LAFS.1112.RST.2.4	
16.02.2	Analyze how the text structures information or ideas into categories or hierarchies, demonstrating understanding of the information or ideas. LAFS.1112.RST.2.5	
16.02.3	Analyze the author’s purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, identifying important issues that remain unresolved. LAFS.1112.RST.2.6	

Florida Standards		Correlation to CTE Program Standard #
16.03 Integration of Knowledge and Ideas		
16.03.1	Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g. quantitative data, video, multimedia) in order to address a question or solve a problem. LAFS.1112.RST.3.7	
16.03.2	Evaluate the hypotheses, data, analysis, and conclusions in a science or technical text, verifying the data when possible and corroborating or challenging conclusions with other sources of information. LAFS.1112.RST.3.8	
16.03.3	Synthesize information from a range of sources (e.g., texts, experiments, simulations) into a coherent understanding of a process, phenomenon, or concept, resolving conflicting information when possible. LAFS.1112.RST.3.9	
16.04 Range of Reading and Level of Text Complexity		
16.04.1	By the end of grade 11, read and comprehend literature [informational texts, history/social studies texts, science/technical texts] in the grades 11–CCR text complexity band proficiently, with scaffolding as needed at the high end of the range. By the end of grade 12, read and comprehend literature [informational texts, history/social studies texts, science/technical texts] at the high end of the grades 11–CCR text complexity band independently and proficiently. LAFS.1112.RST.4.10	
16.04.2		
17.0 Methods and strategies for using Florida Standards for grades 11-12 writing in Technical Subjects for student success in Introduction to Fire Fighting.		
17.01 Text Types and Purposes		
17.01.1	Write arguments focused on discipline-specific content. LAFS.1112.WHST.1.1	
17.01.2	Write informative/explanatory texts, including the narration of historical events, scientific procedures/experiments, or technical processes. LAFS.1112.WHST.1.2	
17.02 Production and Distribution of Writing		
17.02.1	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. LAFS.1112.WHST.2.4	
17.02.2	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. LAFS.1112.WHST.2.5	
17.02.3	Use technology, including the Internet, to produce, publish, and update individual or shared writing products in response to ongoing feedback,	

Florida Standards		Correlation to CTE Program Standard #
	including new arguments or information. LAFS.1112.WHST.2.6	
17.03	Research to Build and Present Knowledge	
17.03.1	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation. LAFS.1112.WHST.3.7	
17.03.2	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the specific task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation. LAFS.1112.WHST.3.8	
17.03.3	Draw evidence from informational texts to support analysis, reflection, and research. LAFS.1112.WHST.3.9	
17.04	Range of Writing	
17.04.1	Write routinely over extended time frames (time for reflection and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences. LAFS.1112.WHST.4.10	
18.0	Methods and strategies for using Florida Standards for grades 11-12 Mathematical Practices in Technical Subjects for student success in Introduction to Fire Fighting.	
18.01	Make sense of problems and persevere in solving them. MAFS.K12.MP.1.1	
18.02	Reason abstractly and quantitatively. MAFS.K12.MP.2.1	
18.03	Construct viable arguments and critique the reasoning of others. MAFS.K12.MP.3.1	
18.04	Model with mathematics. MAFS.K12.MP.4.1	
18.05	Use appropriate tools strategically. MAFS.K12.MP.5.1	
18.06	Attend to precision. MAFS.K12.MP.6.1	
18.07	Look for and make use of structure. MAFS.K12.MP.7.1	

Florida Standards	Correlation to CTE Program Standard #
18.08 Look for and express regularity in repeated reasoning. MAFS.K12.MP.8.1	

Abbreviations:

FS-M/LA = Florida Standards for Math/Language Arts

NGSSS-Sci = Next Generation Sunshine State Standards for Science

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
19.0 Apply tactical ventilation knowledge and practices following AHJ policies and procedures.--The student will be able to:			
19.01 Describe reasons for tactical ventilation.			
19.02 Identify considerations that affect the decision to ventilate.			
19.03 Explain the critical fire behavior indicators present during tactical ventilation.			
19.04 Define horizontal and vertical ventilation.			
19.05 Explain the means for achieving horizontal and vertical ventilation.			
19.06 Describe the types of horizontal ventilation.			
19.07 Describe the types of vertical ventilation.			
19.08 Recognize other types of ventilation situations.			
19.09 Explain the effects of building systems on tactical ventilation.			
20.0 Discuss the various components of water supply systems and describe alternative water supply sources used for rural water supply.--The student will be able to:			
20.01 Explain the ways water supply system components are used by firefighters			
20.02 Describe types of fire hydrants and hydrant markings.			
20.03 Explain fire hydrant operation and inspection considerations.			
20.04 Explain alternative water supply sources and methods of access.			
20.05 Describe methods used for rural water supply operations.			
21.0 Describe fire hose characteristics, inspection and maintenance procedures, and perform various hose rolls, loads, and finishes.--The student will be able to:			

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
21.01 Explain basic fire hose characteristics.			
21.02 Describe different causes of and prevention methods for hose damage.			
21.03 Identify basic inspection, care, and maintenance methods for fire hose.			
21.04 Compare various uses for hose appliances and tools.			
21.05 Describe basic hose rolls.			
21.06 Explain basic hose loads and finishes.			
21.07 Compare various methods to make pre-connected hose loads for attack lines.			
21.08 Explain the methods used for supply hose lays.			
21.09 Recognize different methods for handling hoselines.			
21.10 Describe methods for advancing hoselines in various ways.			
21.11 List the considerations that can impact operating attack hoselines.			
22.0 Describe how and perform skills to control structural fires, Class C and D fires, vehicle and ground cover fires.--The student will be able to:			
22.01 Describe initial factors to consider when suppressing structure fires.			
22.02 Summarize considerations taken when making entry.			
22.03 Describe direct attack, indirect attack, combination attack, and gas cooling techniques.			
22.05 Describe safety considerations that must be identified for upper level structure fires.			
22.06 Explain actions taken when attacking belowground structure fires.			
22.07 Discuss methods of fire control through exposure protection and controlling building utilities.			
22.08 Describe steps taken when supporting fire protection systems at protected structures.			
22.09 Explain considerations taken when deploying, supplying, and staffing master stream devices.			
22.10 Describe situations that may require suppression of Class C fires.			
22.11 Identify hazards associated with suppressing Class C fires.			

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
22.12 Describe actions associated with suppressing Class D fires.			
22.13 Explain actions taken when suppressing a vehicle fire.			
22.14 Compare methods used to suppress fires in stacked and piled materials, small unattached structures and trash containers.			
22.15 Summarize the main influences on ground cover fire behavior.			
22.16 Compare types of ground cover fires.			
22.17 Describe elements that influence ground cover fire behavior.			
22.18 Identify the parts of a ground cover fire.			
22.19 Describe protective clothing and equipment used in fighting ground cover fires.			
22.20 Describe methods used to attack ground cover fires.			
22.21 Summarize safety principles and practices when fighting ground cover fires			

Florida Department of Education
Student Performance Standards

Course Title: Fire Fighting 3
Course Number: 8918230
Course Credit: 1

Course Description:

This course is to provide an introduction to a career of Fire Science that can lead to employment, after further instruction, to a career as a fire fighter or other disciplines in the Fire Science realm.

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
23.0 Apply loss control knowledge and practices following AHJ policies and procedures.--The student will be able to:			
23.01 Explain the philosophy of loss control.			
23.02 Describe the ways pre-incident planning impacts loss control.			
23.03 Determine appropriate salvage procedures.			
23.04 Compare and contrast different types of salvage covers.			
23.05 Explain ways to fold, roll, spread, and improvise with salvage covers.			
23.06 Describe ways to cover openings during salvage operations.			
23.07 Explain methods used to maintain fire safety during overhaul.			
23.08 Describe factors that influence locating hidden fires.			
23.09 Identify different overhaul procedures.			
23.10 Indicate the ways a thermal imager can be used during overhaul.			
24.0 Describe the role of the Firefighter I in the development and implementation of a fire and life safety program.--The student will be able to:			
24.01 Explain the steps taken during fire and life safety program Development.			
24.02 Describe the components involved in fire and life safety program delivery.			
24.03 Explain the impact of safety hazards, messages, and target audiences on creating fire and life safety education programs.			

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
24.04 Indicate ways to identify and prevent fire setter development.			
24.05 Describe the role of a Firefighter I in enforcing fire and life safety codes.			
25.0 Demonstrate the following JPR's--The student will be able to			
25.01 Don and doff personal protective clothing and prepare for reuse, hoist tools and equipment using ropes and the correct know, and locate information in department documents and standard or code materials.			
25.02 Operate fire department communications equipment, relay information, and record information.			
25.03 Operate fire station telephone and intercom equipment.			
25.04 Operate radio equipment and discriminate between routine and emergency traffic.			
25.05 Following AHJ procedures, initiate an emergency call for assistance and demonstrate the ability to use other methods of emergency calls for assistance under vision obscured conditions.			
25.06 Given SCBA and other personal protective equipment, correctly don and wear SCBA, control breathing techniques, enact emergency procedures when the SCBA fails, recognize low-air warnings, assure respiratory protection is not compromised and hazardous areas are exited prior to air depletion.			
25.07 Given an apparatus, respond to an emergency scene wearing appropriate PPE, mounting and dismounting appropriately, assuring seat belts are used and other PPE is correctly used.			
25.08 Given PPE, traffic control and scene devices, structure fire and roadway emergency scenes, traffic hazards and downed electrical wires, establish and operate in work areas following an assignment and SOPS so that PPE is property worn, protected work areas are established and the fire fighter performs assigned tasks only in established, protected work areas.			
25.09 Given an assignment, PPE, and tools force entry into a structure using tools as designed, removing the barrier, and assuring the opening is in a safe condition and ready for entry.			
25.10 Given vision-obscured conditions, exit a hazardous area so that a safe haven is found before exhausting the air supply, assuring others are not endangered, and team integrity is maintained.			
25.11 Given various ladders, an assignment and team members as needed, set up ground ladders assessing hazards, stabilizing the			

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
ladder, seating the correct angle for climbing, extending ladders to the necessary height with the fly locked and the top placed against a reliable structural component.			
25.12 Given PPE, attack lines and hand tools, attack a passenger vehicle fire as a member of a team so that hazards are avoided, flammable liquids are identified and controlled, and protection from flash fires is maintained, and assuring all vehicle compartments are overhauled and the fire extinguished.			
25.13 Given fires in stacked or piled materials and storage containers, extinguish the fire from the exterior sing attack lines, hand tools and master stream devices protecting exposures and stopping the spread of fire while avoiding collapse hazards, and preserving signs of arson.			
25.14 Operating as a member of a team and under obscured vision conditions, conduct a search and rescue in a structure utilizing appropriate tools, forcible entry techniques, hoses and ladders assuring that all areas are searched, all victims are located and removed and team integrity and safety is maintained.			
25.15 Operating as a member of a team given an attack line, ladders, PPE, tools and an assignment, attack an interior structure fire at grade, above grade and below grade by gaining access, effectively applying water, approaching the fire correctly, finding hidden fires and controlling them, and hazards are recognized and managed.			
25.16 Perform horizontal ventilation assuring that openings are free of obstruction and ventilation devices are correctly placed, and the structure is cleared of smoke.			
25.17 Perform vertical ventilation on a structures with various flat and pitched roofs by creating a specified opening, removing barriers, assuring structural integrity is not compromised, releasing products of combustion.			
25.18 Given PPE, an attack line, hand tools, and a flashlight overhaul a fire scene assuring structural integrity is not compromised, all hidden fires are discovered and fire cause evidence is preserved, and the fire is extinguished.			
25.19 Given salvage tools and equipment and an assignment, conserve property so that the building and its contents are protected from future damage.			
25.20 Given supply or intake hose, tools and a fire hydrant r static water source, connect a fire department pumper to a water supply assuring connections are tight and water flow is unobstructed.			

CTE Standards and Benchmarks	FS-LA	FS-MATH	NGSSS-Sci
25.21 Given portable fire extinguishers, select the correct extinguisher to extinguish incipient Class A, Class B, and Class C fires assuring the fires completely extinguished and correct extinguisher handling techniques are followed.			
25.22 Given fire service electrical equipment, illuminate the emergency scene so that designated areas are illuminated and all equipment is operated within the manufacturer's listed safety precautions.			
25.23 Given tools, turn off building utilities in a safe manner.			
25.24 Given PPE as needed, hose lines and extinguishers or hand tools, combat a ground cover fire as a member of a team so that threats to property are reported, threats to personal safety are recognized, retreat is quickly accomplished when needed, and the assignment is completed.			
25.25 Given PPE, tools and ropes, tie a tool for hoisting so that the appropriate knots are used and the tool is secure.			
25.26 Following manufacturer's or department guidelines, clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment and hand tools assuring maintenance is recorded and equipment is placed in a ready state or reported otherwise.			
25.27 Assures that fire service hose is cleaned inspected and returned to service using water, detergent, tools, and replacement gaskets, noting damage as needed.			
25.28 Perform emergency decontamination.			
25.29 Given tools and equipment, demonstrate how to control activities through absorption, adsorption, damming, diking, dilution, diversion, retention, remote valve shutoff, vapor dispersion, and vapor suppression.			

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

The Bureau of Fire Standards and Training (BFST) is responsible for establishing uniform minimum standards for the employment and training of firefighters and volunteer firefighters and for establishing and maintaining firefighting training programs, curricula requirements, and certification of training schools and training school instructors.

The program will have to maintain the data base with FCDICE. Visit the following link:

<http://www.myfloridacfo.com/division/sfm/BFST/FCDICETutorials.html>.

Also, visit the following website for additional information:

http://www.myfloridacfo.com/Division/SFM/BFST/Documents/Guidelines_FFPartICertificateofCompletionProgram_Ver1.7.pdf .

The task book is located on the Florida State Fire Marshal website under the Bureau of Fire Standards and Training.

Career and Technical Student Organization (CTSO)

SkillsUSA and FPSA, Inc. are the inter-curricular career and technical student organization providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. The activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065, F.A.C.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an IEP served in Exceptional Student Education (ESE)) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Some secondary students with disabilities (ESE) may need additional time (i.e., longer than the regular school year), to master the student performance standards associated with a regular Occupational Completion Point (OCP) or a Modified Occupational Completion Point (MOCP). If needed, a student may enroll in the same career and technical course more than once. Documentation should be included in the IEP that clearly indicates that it is anticipated that the student may need an additional year to complete an OCP/MOCP. The student should work on different competencies and new applications of competencies each year toward completion of the OCP/MOCP. After achieving the competencies identified for the year, the student earns credit for the course. It is important to ensure that credits earned by students are reported accurately. The district's information system must be designed to accept multiple credits for the same course number for eligible students with disabilities.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Public Safety Telecommunication
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

Secondary – Career Preparatory

Program Number	9101000
CIP Number	0743039900
Grade Level	11,12
Standard Length	1.5 credits
Teacher Certification	FIRE FIGHT @7 7G PUB SERV 7 G LAW ENF @7 7G CORR OFF 7 G PUB SAF TE 7G *Applicable Subject Matter Experts may assist in teaching this course.
CTSO	SkillsUSA, FPSA Inc.
SOC Codes (all applicable)	43-5031 Police, Fire, and Ambulance Dispatchers
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety & Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety & Security career cluster.

The purpose of this program is to prepare students for employment as a dispatcher: police, fire, ambulance (SOC 43-5031). The content includes, but is not limited to, ethics and the role of the telecommunicator; standard telecommunication operating procedures; relationship to field personnel; understanding of command levels; typical layouts of message centers; use of performance aids; overview of emergency agencies; functions and terminology; use of correct words and grammar; communications equipment, functions and terminology; types of telecommunication equipment; malfunctions and maintenance agreements; proper and correct telephone and dispatching procedures and techniques; cooperation and reciprocal

agreements with other agencies; federal, state, and local communication rules; emergency situations and operating procedures; emergency medical dispatch procedures; employability skills; leadership and human relations skills; and health.

Program Structure

The following table illustrates the secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code	Level	Graduation Requirement
A	9101000	Public Safety Telecommunication	1.5 credits	43-5031	2	VO

Graduation Requirement Abbreviations- EQ= Equally Rigorous Science, PA= Practical Arts, EC= Economics, VO= Career and Technical Education

Academic Alignment Table

Academic alignment is an ongoing, collaborative effort of professional educators specializing in the fields of science, mathematics, English/language arts, and Career and Technical Education (CTE). This initiative supports CTE programs by improving student performance through the integration of academic content within CTE courses. Career and Technical Education courses that have been aligned to the Next Generation Sunshine State Standards for Science and the Florida Standards for Mathematics and English/Language Arts will show the following data: the quantity of academic standards in the CTE course; the total number of standards contained in the academic course; and the percentage of alignment to the CTE course.

Courses	Anatomy/ Physiology Honors	Astronomy Solar/Galactic Honors	Biology 1	Chemistry 1	Earth- Space Science	Environmental Science	Genetics	Integrated Science	Marine Science 1 Honors	Physical Science	Physics 1
9101000	0/87 **	0/80 **	0/83 **	0/69 **	0/67 **	0/70 **	0/69 **	0/82 **	0/66 **	0/74 **	0/72 **

** Alignment pending review

Alignment attempted, but no correlation to academic course

Courses	Algebra 1	Algebra 2	Geometry	English 1	English 2	English 3	English 4
9101000	0/67 **	0/75 **	0/54 **	0/46 **	0/45 **	0/45 **	0/45 **

** Alignment pending review

Alignment attempted, but no correlation to academic course

Florida Standards for Technical Subjects

Florida Standards (FS) for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects are the critical reading and writing literacy standards designed for grade 6 and above. These standards are predicated on teachers of history/social studies, science, and technical subjects using their content area expertise to help students meet the particular challenges of reading, writing, speaking, listening, and language in their respective fields. It is important to note that the 6-12 literacy standards in history/social studies, science, and technical subjects are not meant to replace content standards in those areas but rather to supplement them.

This curriculum framework incorporates the grades 9-10 reading and writing literacy standards in the first two courses of this CTE program and grade 11-12 reading and writing literacy standards in the third and fourth courses of this CTE program. The standards for Mathematical Practices describe varieties of expertise that educators at all levels should seek to develop in their students. These practices rest on important “processes and proficiencies” with longstanding importance in mathematics education. This curriculum framework incorporates the appropriate mathematical practices in the first four courses of this CTE program.

Common Career Technical Core – Career Ready Practices

Career Ready Practices describe the career-ready skills that educators should seek to develop in their students. These practices are not exclusive to a Career Pathway, program of study, discipline or level of education. Career Ready Practices should be taught and reinforced in all career exploration and preparation programs with increasingly higher levels of complexity and expectation as a student advances through a program of study.

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly, effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.
10. Plan education and career path aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural/global competence.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Methods and strategies for using Florida Standards for grades 11-12 reading in Technical Subjects for student success in Public Safety Telecommunication.
- 02.0 Methods and strategies for using Florida Standards for grades 11-12 writing in Technical Subjects for student success in Public Safety Telecommunication.
- 03.0 Methods and strategies for using Florida Standards for grades 11-12 Mathematical Practices in Technical Subjects for student Public Safety Telecommunication.
- 04.0 Understand the roles/duties of a public safety telecommunicator.
- 05.0 Describe and demonstrate professional ethics of public safety telecommunicator.
- 06.0 Identify and explain the operation of communication equipment and resources.
- 07.0 Demonstrate communication and interpersonal skills.
- 08.0 Describe guidelines and operational standards of call classification and prioritization.
- 09.0 Perform operational skills.
- 10.0 Understand the basic principal and components of law enforcement and their relationship to the application of correct dispatch processes.
- 11.0 Understand the basic principles and components of Emergency Medical Services (EMS) and their relationship to the application of correct dispatch processes.
- 12.0 Understand the basic principles and components of Emergency Fire Services and their relationship to the application of correct dispatch processes.
- 13.0 Demonstrate an understanding of hazardous materials awareness and fire department responses (FEMA Online Training IS-5a Introduction to Hazardous Materials is acceptable for hazmat awareness).
- 14.0 Understand the basic principles and components of Emergency Management and Homeland Security and their relationship as it relates to the telecommunicator.
- 15.0 Comprehend stress management techniques.

**Florida Department of Education
Student Performance Standards**

Course Title: Public Safety Telecommunication
Course Number: 9101000
Course Credit: 1.5

Course Description:

This course is designed to prepare students for certification as a dispatcher as defined s. 365.172(3)(a).

Florida Standards		Correlation to CTE Program Standard #
01.0	Methods and strategies for using Florida Standards for grades 11-12 reading in Technical Subjects for student success in Public Safety Telecommunication.	
01.01	Key Ideas and Details	
01.01.1	Cite specific textual evidence to support analysis of science and technical texts, attending to important distinctions the author makes and to any gaps or inconsistencies in the account. LAFS.1112.RST.1.1	
01.01.2	Determine the central ideas or conclusions of a text; trace the text's explanation or depiction of a complex process, phenomenon, or concept; provide an accurate summary of the text. LAFS.1112.RST.1.2	
01.01.3	Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text. LAFS.1112.RST.1.3	
01.02	Craft and Structure	
01.02.1	Determine the meaning of symbols key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics. LAFS.1112.RST.2.4	
01.02.2	Analyze how the text structures information or ideas into categories or hierarchies, demonstrating understanding of the information or ideas. LAFS.1112.RST.2.5	
01.02.3	Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text, identifying important issues that remain unresolved. LAFS.1112.RST.2.6	

Florida Standards		Correlation to CTE Program Standard #
01.03	Integration of Knowledge and Ideas	
01.03.1	Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g. quantitative data, video, multimedia) in order to address a question or solve a problem. LAFS.1112.RST.3.7	
01.03.2	Evaluate the hypotheses, data, analysis, and conclusions in a science or technical text, verifying the data when possible and corroborating or challenging conclusions with other sources of information. LAFS.1112.RST.3.8	
01.03.3	Synthesize information from a range of sources (e.g., texts, experiments, simulations) into a coherent understanding of a process, phenomenon, or concept, resolving conflicting information when possible. LAFS.1112.RST.3.9	
01.04	Range of Reading and Level of Text Complexity	
01.04.1	By the end of grade 11, read and comprehend literature [informational texts, history/social studies texts, science/technical texts] in the grades 11–CCR text complexity band proficiently, with scaffolding as needed at the high end of the range.	
01.04.2	By the end of grade 12, read and comprehend literature [informational texts, history/social studies texts, science/technical texts] at the high end of the grades 11–CCR text complexity band independently and proficiently. LAFS.1112.RST.4.10	
02.0	Methods and strategies for using Florida Standards for grades 11-12 writing in Technical Subjects for student success in Public Safety Telecommunication.	
02.01	Text Types and Purposes	
02.01.1	Write arguments focused on discipline-specific content. LAFS.1112.WHST.1.1	
02.01.2	Write informative/explanatory texts, including the narration of historical events, scientific procedures/experiments, or technical processes. LAFS.1112.WHST.1.2	
02.02	Production and Distribution of Writing	
02.02.1	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. LAFS.1112.WHST.2.4	
02.02.2	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. LAFS.1112.WHST.2.5	
02.02.3	Use technology, including the Internet, to produce, publish, and update	

Florida Standards		Correlation to CTE Program Standard #
	individual or shared writing products in response to ongoing feedback, including new arguments or information. LAFS.1112.WHST.2.6	
02.03 Research to Build and Present Knowledge		
02.03.1	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation. LAFS.1112.WHST.3.7	
02.03.2	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the specific task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation. LAFS.1112.WHST.3.8	
02.03.3	Draw evidence from informational texts to support analysis, reflection, and research. LAFS.1112.WHST.3.9	
02.04 Range of Writing		
02.04.1	Write routinely over extended time frames (time for reflection and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences. LAFS.1112.WHST.4.10	
03.0	Methods and strategies for using Florida Standards for grades 11-12 Mathematical Practices in Technical Subjects for student success in Public Safety Telecommunication.	
03.01	Make sense of problems and persevere in solving them. MAFS.K12.MP.1.1	
03.02	Reason abstractly and quantitatively. MAFS.K12.MP.2.1	
03.03	Construct viable arguments and critique the reasoning of others. MAFS.K12.MP.3.1	
03.04	Model with mathematics. MAFS.K12.MP.4.1	
03.05	Use appropriate tools strategically. MAFS.K12.MP.5.1	
03.06	Attend to precision. MAFS.K12.MP.6.1	
03.07	Look for and make use of structure.	

Florida Standards	Correlation to CTE Program Standard #	
	MAFS.K12.MP.7.1	
03.08 Look for and express regularity in repeated reasoning.	MAFS.K12.MP.8.1	

Abbreviations:

FS-M/LA = Florida Standards for Math/Language Arts

NGSSS-Sci = Next Generation Sunshine State Standards for Science

Note: This course is pending alignment in the following categories: FS-M/LA and NGSSS-Sci.

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
04.0 Understand the roles/duties of a public safety telecommunicator. The student will be able to:		
04.01 Comprehend the historical development of the role of the telecommunication profession.		
04.02 Describe the evolution of telecommunications and 911.		
04.03 Understand the proper conduct of a public safety telecommunicator.		
04.04 Define the difference between a call taker and a dispatcher as it relates to public safety telecommunications.		
04.05 Understand the importance of adhering to dress codes (if applicable) and personal hygiene.		
04.06 Understand the importance of reporting for duty and the impact absences have on a communications center.		
05.0 Describe and demonstrate professional ethics of a public safety telecommunicator--The student will be able to:		
05.01 Define ethics and professionalism.		
05.02 Comprehend acts that are considered professionally unethical.		
05.03 Demonstrate knowledge of the following: criminal acts, personal gain, negligence of duty, duty to act, agency values, and confidentiality.		
05.04 Explain how criminal and civil law affects telecommunication operations.		
05.05 Understand and explain the legalities of Health Insurance Portability and Accountability Act (HIPAA) and how it relates to telecommunications.		
05.06 Explain the importance of and procedure for testifying in court.		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
06.0 Identify and explain the operation of communication equipment and resources—The student will be able to:		
06.01 Describe the typical components of communication centers.		
06.02 Identify communication equipment functions and terminology.		
06.03 Explain the operation of various manual and automated equipment that may be utilized within the communication system.		
06.04 Explain the operation of a telephone system		
06.05 Explain the operation of 911 equipment.		
06.06 Explain the operation of radio equipment.		
06.07 Explain the operation of ADA services including TDD and telephone relay services (711).		
06.08 Explain the Florida Interoperability radio capabilities.		
06.09 Define the purpose of the Florida Crime Information Center (FCIC) and the National Crime Information Center (NCIC).		
06.10 Describe the purpose of Telematic Call Centers as it relates to the role of the public safety telecommunicator.		
06.11 Identify the referral process for accessing resources outside of public safety.		
07.0 Demonstrate communication and interpersonal skills--The student will be able to:		
07.01 Demonstrate the use of a calm and controlled voice on radio and telephone.		
07.02 Demonstrate interpersonal skills.		
07.03 Demonstrate friendly and accurate customer service skills.		
07.04 Demonstrate specific calming techniques as appropriate		
07.05 Demonstrate the proper use of pronunciation and enunciation.		
07.06 Demonstrate active listening skills.		
07.07 Explain the difference between a fact and an inference.		
07.08 Demonstrate the ability to recognize when information received is appropriate to the situation or appears suspicious.		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
07.09 Demonstrate decision-making skills.		
07.10 Demonstrate the ability to give and follow instructions.		
07.11 Demonstrate internal and external customer service skills.		
07.12 Discuss the impact of Human Diversity as it relates to Public Safety.		
08.0 Describe guidelines and operational standards of call classification and prioritization--The student will be able to:		
08.01 Explain the importance of call classification and prioritization.		
08.02 Describe the call type using the proper classification process.		
08.03 Describe prioritization based on call type.		
08.04 Demonstrate telephone techniques including call handling guidelines.		
09.0 Perform operational skills--The student will be able to:		
09.01 Obtain and organize pertinent information for dispatch.		
09.02 Identify various procedures used when dispatching emergency and non-emergency calls.		
09.03 Utilize available resources properly.		
09.04 Correctly complete appropriate forms, logs, and files.		
09.05 Obtain and process requests for service and/or resources from field units in a timely manner.		
09.06 Demonstrate an understanding of federal, state, and local laws for disseminating information.		
09.07 Explain the importance of and how to accurately brief on-coming telecommunicators.		
09.08 Explain the importance of knowing and informing colleagues and supervisors of incidents that may adversely affect operations.		
09.09 Explain geographical jurisdictions, mutual aid agreements, and how it affects day-to-day activities.		
09.10 Demonstrate multi-functional dexterity.		
09.11 Explain FS 119 "Sunshine" Law and how it relates to public record requests.		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
09.12 Describe the impact and importance of disseminating public information.		
10.0 Understand the basic principles and components of law enforcement and their relationship to the application of correct dispatch processes--The student will be able to:		
10.01 Understand the roles and responsibilities of law enforcement officers		
10.02 Understand the various reasons that citizens request police assistance.		
10.03 Define criminal and civil complaints.		
10.04 Understand why a telecommunicator should not give legal advice.		
10.05 Define in-progress, just occurred, and past event calls.		
10.06 Understand the role of the telecommunicator during crisis call incidents to include active shooter, barricaded subjects, hostage situations, suicide threats, missing or abducted person.		
10.07 Identify the proper interview questions for crisis calls.		
10.08 Identify the officer safety issues for both primary and secondary response units.		
10.09 Describe the telecommunicator's role in officer safety.		
10.10 Define Amber, Silver, and Blue alert calls.		
10.11 Review the most commonly used terms in Law Enforcement.		
11.0 Understand the basic principles and components of Emergency Medical Services (EMS) and their relationship to the application of correct dispatch processes--The student will be able:		
11.01 Define what Basic Life Support (BLS) is, who the provider is and how it relates to the care of the patient.		
11.02 Define what Advance Life Support (ALS) is, who the provider is and how it relates to the care of the patient.		
11.03 Understand the roles and responsibilities of the emergency medical technician and paramedic.		
11.04 Comprehend the various types of emergency response modes to medical calls.		
11.05 Define multi-casualty incident (MCI).		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
11.06 Describe the role and responsibility of Telecommunicator during a MCI.		
11.07 Define Air Rescue Transport Unit.		
11.08 Define Trauma Center and Trauma Alert criteria.		
11.09 Understand why some EMS calls may require Police/Fire response.		
11.10 Review the most commonly used terms in EMS.		
12.0 Understand the basic principles and components of Emergency Fire Services and their relationship to the application of correct dispatch processes--The student will be able to:		
12.01 Understand the roles and responsibilities of fire service responders.		
12.02 Define types of fire emergency calls.		
12.03 Define differences between fire emergency/non-emergency calls.		
12.04 Describe the telecommunicator's role in firefighting safety.		
12.05 Comprehend the various types of emergency response modes to fire calls.		
12.06 Define primary and secondary units.		
12.07 Understand why some fire calls may require Law Enforcement/EMS response.		
12.08 Know the different type of fire service apparatus used.		
12.09 Review the most commonly used terms in the fire service.		
13.0 Demonstrate an understanding of hazardous materials awareness and fire department responses (FEMA Online Training IS-5a Introduction to Hazardous Materials is acceptable for hazmat awareness)--The student will be able:		
13.01 Describe the roles and responsibilities of fire services responders.		
13.02 Define hazardous materials as substances (solids, liquids, or gases) that when released, are capable of causing harm to people, the environment, and property		
13.03 Identify the differences between hazardous materials emergencies and other emergencies		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
13.04 Identify typical locations in the community where hazardous materials are stored, transported, used, or disposed		
13.05 Identify that hazardous materials may be found in various types of containers		
13.06 Describe the use of, and information obtained through, CHEMTREC and the DOT ERG in the identification and mitigation of hazardous materials		
13.07 Identify the basic precautions to be taken to protect oneself and others in a hazardous materials incident		
13.08 Demonstrate the role of a telecommunicator during a hazardous materials incident scenario		
14.0 Understand the basic principles and components of Emergency Management and Homeland Security and their relationship as it relates to the telecommunicator--The student will be able to:		
14.01 Define the role and responsibilities of the state, and federal emergency management operations.		
14.02 Be familiar with different types of domestic and international terrorism threats.		
14.03 Understand basic terminology regarding terrorism threats as it relates to WMD (Weapons of Mass Destruction).		
14.04 Understand the role and responsibilities of NIMS.		
14.05 Be familiar with Emergency Management Planning.		
14.06 Understand the functions of the Emergency Operations Center.		
14.07 Identify special consideration for natural, manmade, or technological disasters.		
14.08 Explain the function of the TERT (Telecommunicators Emergency Response Taskforce) and its role and responsibilities during a disaster.		
14.09 Explain the functions of state and regional assets as it pertains to disasters.		
14.10 Identify examples of incidents that are reported to the county and state watch office or warning point.		
14.11 Be familiar with the different types of Emergency Notification and Warning Resources utilized by local, state, and federal agencies for natural, manmade, or technological disasters.		
15.0 Comprehend stress management techniques--The student will be able to:		

CTE Standards and Benchmarks	FS-M/LA	NGSSS-Sci
15.01 Define stress.		
15.02 Describe stressors unique to the telecommunicator and the telecommunication profession.		
15.03 Describe techniques necessary to prevent and manage stress		
15.04 Explain Critical Incident Stress Management (CISM).		
15.05 Describe actions necessary to manage stress during an “in progress” incident.		

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

Any person employed as a 911 public safety telecommunicator at a public safety answering point, as defined s. 365.172(3)(a), must be certified by the Department of Health in accordance with s. 401.465.

<http://www.floridahealth.gov/licensing-and-regulation/911-public-safety-telecommunicator-program/index.html>

The occupational standards and benchmarks outlined in this secondary program correlate to the standards and benchmarks of the postsecondary program with the same Classification of Instructional Programs (CIP) number.

Career and Technical Student Organization (CTSO)

SkillsUSA and FPSA, Inc. are the inter-curricular career and technical student organization providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. The activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065, F.A.C.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an IEP served in Exceptional Student Education (ESE)) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Some secondary students with disabilities (ESE) may need additional time (i.e., longer than the regular school year), to master the student performance standards associated with a regular Occupational Completion Point (OCP) or a Modified Occupational Completion Point (MOCP). If needed, a student may enroll in the same career and technical course more than once. Documentation should be included in the IEP that clearly indicates that it is anticipated that the student may need an additional year to complete an OCP/MOCP. The student should work on different competencies and new applications of competencies each year toward completion of the OCP/MOCP. After achieving the competencies identified for the year, the student earns credit for the course. It is important to ensure that credits earned by students are reported accurately. The district's information system must be designed to accept multiple credits for the same course number for eligible students with disabilities.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fl DOE.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Course Title: Introduction to Law, Public Safety and Security
Course Type: Orientation/Exploratory
Career Cluster: Law, Public Safety and Security

Secondary – Middle School

Program Number	9160350
CIP Number	149160350M
Grade Level	6-8
Standard Length	Semester
Teacher Certification	LAW ENF@7 7 G CORR OFF 7 G ANY PUB SERV OCC ED G
CTSO	N/A
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Introduction to Law, Public Safety and Security career cluster. Thousands of challenging educational and training opportunities are offered in the highly skilled Law, Public Safety, Corrections and Security Career Cluster. These opportunities continue to expand in the areas of corporate, industrial, homeland security and public safety. Reinforcement of academic skills occurs through classroom instruction and applied laboratory procedures.

Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

Special Notes

The length of this course is one semester. It may be offered for two semesters when appropriate. When offered for one semester, it is recommended that it be at the exploratory level and more in-depth when offered for two semesters.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Demonstrate an understanding of the Emergency and fire management career pathway.
- 02.0 Demonstrate an understanding of the Security and protective services career pathway.
- 03.0 Demonstrate an understanding of the Law enforcement services career pathway.
- 04.0 Demonstrate an understanding of the Legal services career pathway.
- 05.0 Demonstrate an understanding of the Correction services career pathway.
- 06.0 Apply leadership and communication skills.
- 07.0 Describe how information technology is used in the Law, Public Safety and Security career cluster.
- 08.0 Use information technology tools.
- 09.0 Identify components of Criminal Investigations.
- 10.0 Describe and use communication protocols for Law, Public Safety & Security career cluster.

**Florida Department of Education
Student Performance Standards**

Course Title: Introduction to Law, Public Safety and Security
Course Number: 9160350
Course Credit: Semester

Course Description:

Beginning with a broad overview of the Introduction to Law, Public Safety and Security career cluster, students are introduced to the terminology, careers, history, required skills, and technologies associated with each pathway in the Introduction to Law, Public Safety and Security career cluster. Additionally, they will be provided with opportunities to acquire and demonstrate beginning leadership skills.

CTE Standards and Benchmarks	
01.0	Demonstrate an understanding of the Emergency and Fire Management Services career pathway. – The student will be able to:
01.01	Define and use proper terminology associated with the Emergency and Fire Management Services career pathway.
01.02	Describe some of the careers available in the Emergency and Fire Management Services career pathway.
01.03	Identify common characteristics of the careers in the Emergency and Fire Management Services career pathway.
01.04	Research the history of the Emergency and Fire Management Services career pathway and describe how the careers have evolved and impacted society.
01.05	Identify skills required to successfully enter any career in the Emergency and Fire Management Services career pathway.
01.06	Describe technologies associated in careers within the Correction Services career pathway.
02.0	Demonstrate an understanding of the Security and protective services career pathway. – The student will be able to:
02.01	Define and use proper terminology associated with the Security and protective services career pathway.
02.02	Describe some of the careers available in the Security and protective services career pathway.
02.03	Identify common characteristics of the careers in the Security and protective services career pathway.
02.04	Research the history of the Security and protective services career pathway and describe how the careers have evolved and impacted society.
02.05	Identify skills required to successfully enter any career in the Security and protective services career pathway.
02.06	Describe technologies associated in careers within the Security and protective services career pathway.

CTE Standards and Benchmarks

03.0 Demonstrate an understanding of the Law enforcement services career pathway. – The student will be able to:

03.01 Define and use proper terminology associated with the Law enforcement services career pathway.

03.02 Describe some of the careers available in the Law enforcement services career pathway to include:

- a. Law Enforcement
- b. K-9
- c. Dispatch
- d. Traffic Enforcement
- e. Investigations
- f. Agriculture Officer
- g. Marine Patrol
- h. Aviation Officer

03.03 Research the history of the Law enforcement services career pathway and describe how the careers have evolved and impacted society from the 1970's to present day.

03.04 Identify skills required to successfully enter any career in the Law enforcement services career pathway to include:

- a. FBI Academy
- b. FLETC
- c. Florida Law Enforcement Academy

03.05 Describe technologies associated in careers within the Law enforcement services career pathway to include:

- a. Forensics
- b. Cyber Crime
- c. Crime Prevention

04.0 Demonstrate an understanding of the Legal services career pathway. – The student will be able to:

04.01 Define and use proper terminology associated with the Legal services career pathway.

04.02 Describe some of the careers available in the Legal services career pathway.

04.03 Identify common characteristics of the careers in the Legal services career pathway.

04.04 Research the history of the Legal services career pathway and describe how the associated careers have evolved and impacted society.

04.05 Identify skills required to successfully enter any career in the Legal services career pathway.

04.06 Describe technologies associated in careers within the Legal services career pathway.

05.0 Demonstrate an understanding of the Correction services career pathway. – The student will be able to:

05.01 Define and use proper terminology associated with the Correction services career pathway for officer level.

05.02 Describe some of the careers available in the Correction services career pathway to include:

- a. Officer

CTE Standards and Benchmarks

- b. Probation
- c. Psychology
- d. Medical
- e. Social Services
- f. Food Services
- g. Gang Investigators

05.03 Identify common characteristics of the careers in the Correction services career pathway.

05.04 Research the history of the Correction services career pathway and describe how the careers have evolved and impacted society from 1970's to present.

05.05 Identify skills required to successfully enter any career in the Correction services career pathway to include:

- a. Prison Construction
- b. Digital Courts
- c. Audio/Visual Monitoring

05.06 Describe technologies associated in careers within the Correction services career pathway.

06.0 Apply leadership and communication skills. – The student will be able to:

06.01 Discuss the establishment and history of the FPSA organization.

06.02 Identify the characteristics and responsibilities of organizational leaders.

06.03 Demonstrate parliamentary procedure skills during a meeting.

06.04 Participate on a committee which has an assigned task and report to the class.

06.05 Demonstrate effective communication skills through delivery of a speech, a powerpoint, or conducting a demonstration.

06.06 Use a computer to assist in the completion of a project related to the Law, Public Safety and Security career cluster.

07.0 Describe how information technology is used in the Law, Public Safety and Security career cluster. – The student will be able to:

07.01 Identify information technology (IT) careers in the Law, Public Safety and Security career cluster, including the responsibilities, tasks and skills they require to include:

- a. NCIC/FCIC
- b. CAD System in Dispatch
- c. Computer Forensics
- d. Encryption

07.02 Research information technology career for a presentation.

07.03 Identify security-related ethical and legal IT issues faced by professionals in the Law, Public Safety and Security career cluster to include:

- a. confidentiality

CTE Standards and Benchmarks

b. personal information (personal computer use)

08.0 Use information technology tools. – The student will be able to:

08.01 Identify the functions of web browsers, and use them to access the World Wide Web and other computer resources typically used in Law, Public Safety and Security career cluster.

08.02 Use e-mail clients to send simple messages and files to other Internet users.

08.03 Demonstrate ways to communicate effectively using Internet technology.

08.04 Use different types of web search engines effectively to locate information relevant to the Law, Public Safety and Security career cluster.

09.0 Identify components of Criminal Investigations.—The student will be able to:

09.01 Describe some careers available in criminal investigations to include:
a. crime scene technician
b. crime lab technician

09.02 Identify evidence is at a crime scene.

09.03 Describe how to collect evidence at a crime scene.

09.04 Demonstrate the skills for lifting latent prints.

09.05 Participate in processing a mock crime scene.

10.0 Describe and use communication protocols for Law, Public Safety & Security career cluster.-- The student will be able to:

10.01 Define what a MDT (Mobile Data Terminal) and how it is used.

10.02 Describe the different types of dispatching organizations.

10.03 Identify the correct identification of the phonetic alphabet.

10.04 Identify and use proper radio procedures for communicating.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Career and Technical Student Organization (CTSO)

FPSA is the inter-curricular career and technical student organization(s) providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. The activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065, F.A.C.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an IEP served in Exceptional Student Education (ESE)) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Course Title: Introduction to Law, Public Safety and Security and Career Planning
Course Type: Orientation/Exploratory
Career Cluster: Law, Public Safety and Security

Secondary – Middle School

Program Number	9160360
CIP Number	149160360M
Grade Level	6-8
Standard Length	Semester
Teacher Certification	LAW ENF@7 7 G CORR OFF 7 G ANY PUB SERV OCC ED G
CTSO	N/A
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Introduction to Law, Public Safety and Security career cluster. Thousands of challenging educational and training opportunities are offered in the highly skilled Law, Public Safety, and Security Career Cluster. These opportunities continue to expand in the areas of corporate, industrial, homeland security and public safety. Reinforcement of academic skills occurs through classroom instruction and applied laboratory procedures.

Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Demonstrate an understanding of the Emergency and fire management career pathway.
- 02.0 Demonstrate an understanding of the Security and protective services career pathway.
- 03.0 Demonstrate an understanding of the Law enforcement services career pathway.
- 04.0 Demonstrate an understanding of the Legal services career pathway.
- 05.0 Demonstrate an understanding of the Correction services career pathway.
- 06.0 Apply leadership and communication skills.
- 07.0 Describe how information technology is used in the Law, Public Safety and Security career cluster.
- 08.0 Use information technology tools.
- 09.0 Identify components of Criminal Investigations.
- 10.0 Describe and use communication protocols for Law, Public Safety & Security career cluster.

Listed below are the standards that must be met to satisfy the requirements of Section 1003.4156, Florida Statutes--The student will be able to:

- 11.0 Describe the influences that societal, economic, and technological changes have on employment trends and future training.
- 12.0 Develop skills to locate, evaluate, and interpret career information.
- 13.0 Identify and demonstrate processes for making short and long term goals.
- 14.0 Demonstrate employability skills such as working in a group, problem-solving and organizational skills, and the importance of entrepreneurship.
- 15.0 Understand the relationship between educational achievement and career choices/postsecondary options.
- 16.0 Identify a career cluster and related pathways through an interest assessment that match career and education goals.
- 17.0 Develop a career and education plan that includes short and long-term goals, high school program of study, and postsecondary/career goals.
- 18.0 Demonstrate knowledge of technology and its application in career fields/clusters.

**Florida Department of Education
Student Performance Standards**

Course Title: Introduction to Law, Public Safety and Security
Course Number: 9160350
Course Credit: Semester

Course Description:

Beginning with a broad overview of the Introduction to Law, Public Safety and Security career cluster, students are introduced to the terminology, careers, history, required skills, and technologies associated with each pathway in the Introduction to Law, Public Safety and Security career cluster. Additionally, they will be provided with opportunities to acquire and demonstrate beginning leadership skills.

CTE Standards and Benchmarks	
01.0	Demonstrate an understanding of the Emergency and Fire Management Services career pathway. – The student will be able to:
01.01	Define and use proper terminology associated with the Emergency and Fire Management Services career pathway.
01.02	Describe some of the careers available in the Emergency and Fire Management Services career pathway.
01.03	Identify common characteristics of the careers in the Emergency and Fire Management Services career pathway.
01.04	Research the history of the Emergency and Fire Management Services career pathway and describe how the careers have evolved and impacted society.
01.05	Identify skills required to successfully enter any career in the Emergency and Fire Management Services career pathway.
01.06	Describe technologies associated in careers within the Correction Services career pathway.
02.0	Demonstrate an understanding of the Security and protective services career pathway. – The student will be able to:
02.01	Define and use proper terminology associated with the Security and protective services career pathway.
02.02	Describe some of the careers available in the Security and protective services career pathway.
02.03	Identify common characteristics of the careers in the Security and protective services career pathway.
02.04	Research the history of the Security and protective services career pathway and describe how the careers have evolved and impacted society.
02.05	Identify skills required to successfully enter any career in the Security and protective services career pathway.
02.06	Describe technologies associated in careers within the Security and protective services career pathway.

CTE Standards and Benchmarks

03.0 Demonstrate an understanding of the Law enforcement services career pathway. – The student will be able to:

03.01 Define and use proper terminology associated with the Law enforcement services career pathway.

03.02 Describe some of the careers available in the Law enforcement services career pathway to include:

- a. Law Enforcement
- b. K-9
- c. Dispatch
- d. Traffic Enforcement
- e. Investigations
- f. Agriculture Officer
- g. Marine Patrol
- h. Aviation Officer

03.03 Research the history of the Law enforcement services career pathway and describe how the careers have evolved and impacted society from the 1970's to present day.

03.04 Identify skills required to successfully enter any career in the Law enforcement services career pathway to include:

- a. FBI Academy
- b. FLETC
- c. Florida Law Enforcement Academy

03.05 Describe technologies associated in careers within the Law enforcement services career pathway to include:

- a. Forensics
- b. Cyber Crime
- c. Crime Prevention

04.0 Demonstrate an understanding of the Legal services career pathway. – The student will be able to:

04.01 Define and use proper terminology associated with the Legal services career pathway.

04.02 Describe some of the careers available in the Legal services career pathway.

04.03 Identify common characteristics of the careers in the Legal services career pathway.

04.04 Research the history of the Legal services career pathway and describe how the associated careers have evolved and impacted society.

04.05 Identify skills required to successfully enter any career in the Legal services career pathway.

04.06 Describe technologies associated in careers within the Legal services career pathway.

05.0 Demonstrate an understanding of the Correction services career pathway. – The student will be able to:

05.01 Define and use proper terminology associated with the Correction services career pathway for officer level.

05.02 Describe some of the careers available in the Correction services career pathway to include:

- a. Officer

CTE Standards and Benchmarks

- b. Probation
- c. Psychology
- d. Medical
- e. Social Services
- f. Food Services
- g. Gang Investigators

05.03 Identify common characteristics of the careers in the Correction services career pathway.

05.04 Research the history of the Correction services career pathway and describe how the careers have evolved and impacted society from 1970's to present.

05.05 Identify skills required to successfully enter any career in the Correction services career pathway to include:

- a. Prison Construction
- b. Digital Courts
- c. Audio/Visual Monitoring

05.06 Describe technologies associated in careers within the Correction services career pathway.

06.0 Apply leadership and communication skills. – The student will be able to:

06.01 Discuss the establishment and history of the FPSA organization.

06.02 Identify the characteristics and responsibilities of organizational leaders.

06.03 Demonstrate parliamentary procedure skills during a meeting.

06.04 Participate on a committee which has an assigned task and report to the class.

06.05 Demonstrate effective communication skills through delivery of a speech, a slide presentation, or conducting a demonstration.

06.06 Use a computer to assist in the completion of a project related to the Law, Public Safety and Security career cluster.

07.0 Describe how information technology is used in the Law, Public Safety and Security career cluster. – The student will be able to:

07.01 Identify information technology (IT) careers in the Law, Public Safety and Security career cluster, including the responsibilities, tasks and skills they require to include:

- a. NCIC/FCIC
- b. CAD System in Dispatch
- c. Computer Forensics
- d. Encryption

07.02 Research information technology career for a presentation.

07.03 Identify security-related ethical and legal IT issues faced by professionals in the Law, Public Safety and Security career cluster to include:

- a. confidentiality

CTE Standards and Benchmarks

b. personal information (personal computer use)

08.0 Use information technology tools. – The student will be able to:

08.01 Identify the functions of web browsers, and use them to access the World Wide Web and other computer resources typically used in Law, Public Safety and Security career cluster.

08.02 Use e-mail clients to send simple messages and files to other Internet users.

08.03 Demonstrate ways to communicate effectively using Internet technology.

08.04 Use different types of web search engines effectively to locate information relevant to the Law, Public Safety and Security career cluster.

09.0 Identify components of Criminal Investigations.—The student will be able to:

09.01 Describe some careers available in criminal investigations to include:
a. crime scene technician
b. crime lab technician

09.02 Identify evidence is at a crime scene.

09.03 Describe how to collect evidence at a crime scene.

09.04 Demonstrate the skills for lifting latent prints.

09.05 Participate in processing a mock crime scene.

10.0 Describe and use communication protocols for Law, Public Safety & Security career cluster.-- The student will be able to:

10.01 Define what a MDT (Mobile Data Terminal) and how it is used.

10.02 Describe the different types of dispatching organizations.

10.03 Identify the correct identification of the phonetic alphabet.

10.04 Identify and use proper radio procedures for communicating.

Listed below are the standards that must be met to satisfy the requirements of Section 1003.4156, Florida Statutes--The student will be able to:

11.0 Describe the influences that societal, economic, and technological changes have on employment trends and future training.

12.0 Develop skills to locate, evaluate, and interpret career information.

13.0 Identify and demonstrate processes for making short and long term goals.

CTE Standards and Benchmarks

14.0	Demonstrate employability skills such as working in a group, problem-solving and organizational skills.
15.0	Understand the relationship between educational achievement and career choices/postsecondary options.
16.0	Identify a career cluster and related pathways that match career and education goals.
17.0	Develop a career and education plan that includes short and long-term goals, high school program of study, and postsecondary/career goals.
18.0	Demonstrate knowledge of technology and its application in career fields/clusters.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Career Planning

The requirements of section 1003.4156 (1) (e), Florida Statutes, have been integrated into this course. The statute requires that students take a career and education planning course that must result in a completed personalized academic and career plan for the student; must emphasize the importance of entrepreneurship skills; must emphasize technology or the application of technology in career fields; and, beginning in the 2014-2015 academic year, must provide information from the Department of Economic Opportunity's economic security report as described in section 445.07, Florida Statutes. For additional information on the Middle School Career and Education Planning course requirements, go to <http://www.fldoe.org/workforce/ced/>.

Career and Technical Student Organization (CTSO)

FPSA is the inter-curricular career and technical student organization(s) providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. The activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065, F.A.C.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an IEP served in Exceptional Student Education (ESE)) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

**Florida Department of Education
Curriculum Framework**

Program Title: Public Safety Telecommunication
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV	
Program Number	P090101
CIP Number	0743039900
Grade Level	30, 31
Standard Length	232 hours
Teacher Certification	FIRE FIGHT @7 7G PUB SERV 7 G LAW ENF @7 7G CORR OFF 7 G PUB SAF TE 7G *Applicable Subject Matter Experts may assist in teaching this course.
CTSO	N/A
SOC Codes (all applicable)	43-5031 Police, Fire, and Ambulance Dispatchers
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	N/A

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to prepare students for employment as a dispatcher: police, fire, ambulance (SOC 43-5031). The content includes, but is not limited to, ethics and the role of the telecommunicator; standard telecommunication operating procedures; relationship to field personnel; understanding of command levels; typical layouts of message centers; use of performance aids; overview of emergency agencies; functions and terminology; use of correct words and grammar; communications equipment, functions and terminology; types of telecommunication equipment;

malfunctions and maintenance agreements; proper and correct telephone and dispatching procedures and techniques; cooperation and reciprocal agreements with other agencies; federal, state, and local communication rules; emergency situations and operating procedures; emergency medical dispatch procedures; employability skills; leadership and human relations skills; and health.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3)(b), F.S.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	EMS0002	Dispatcher: Police, Fire, and Ambulance	232 hours	43-5031

Common Career Technical Core – Career Ready Practices

Career Ready Practices describe the career-ready skills that educators should seek to develop in their students. These practices are not exclusive to a Career Pathway, program of study, discipline or level of education. Career Ready Practices should be taught and reinforced in all career exploration and preparation programs with increasingly higher levels of complexity and expectation as a student advances through a program of study.

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly, effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.
10. Plan education and career path aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural/global competence.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Understand the roles/duties of a public safety telecommunicator.
- 02.0 Describe and demonstrate professional ethics of public safety telecommunicator.
- 03.0 Identify and explain the operation of communication equipment and resources.
- 04.0 Demonstrate communication and interpersonal skills.
- 05.0 Describe guidelines and operational standards of call classification and prioritization.
- 06.0 Perform operational skills.
- 07.0 Understand the basic principal and components of law enforcement and their relationship to the application of correct dispatch processes.
- 08.0 Understand the basic principles and components of Emergency Medical Services (EMS) and their relationship to the application of correct dispatch processes.
- 09.0 Understand the basic principles and components of Emergency Fire Services and their relationship to the application of correct dispatch processes.
- 10.0 Demonstrate an understanding of hazardous materials awareness and fire department responses (FEMA Online Training IS-5a Introduction to Hazardous Materials is acceptable for hazmat awareness).
- 11.0 Understand the basic principles and components of Emergency Management and Homeland Security and their relationship as it relates to the telecommunicator.
- 12.0 Comprehend stress management techniques.

Florida Department of Education
Student Performance Standards

Program Title: Public Safety Telecommunication
PSAV Number: P090101

Course Number: EMS0002	
Occupational Completion Point: A	
Dispatcher: Police, Fire, and Ambulance – 232 Hours – SOC Code 43-5031	
01.0	Understand the roles/duties of a public safety telecommunicator. The student will be able to:
01.01	Comprehend the historical development of the role of the telecommunication profession.
01.02	Describe the evolution of telecommunications and 911.
01.03	Understand the proper conduct of a public safety telecommunicator.
01.04	Define the difference between a call taker and a dispatcher as it relates to public safety telecommunications.
01.05	Understand the importance of adhering to dress codes (if applicable) and personal hygiene.
01.06	Understand the importance of reporting for duty and the impact absences have on a communications center.
02.0	Describe and demonstrate professional ethics of a public safety telecommunicator--The student will be able to:
02.01	Define ethics and professionalism.
02.02	Comprehend acts that are considered professionally unethical.
02.03	Demonstrate knowledge of the following: criminal acts, personal gain, negligence of duty, duty to act, agency values, and confidentiality.
02.04	Explain how criminal and civil law affects telecommunication operations.
02.05	Understand and explain the legalities of Health Insurance Portability and Accountability Act (HIPAA) and how it relates to telecommunications
02.06	Explain the importance of and procedure for testifying in court
03.0	Identify and explain the operation of communication equipment and resources—The student will be able to:
03.01	Describe the typical components of communication centers.
03.02	Identify communication equipment functions and terminology.

03.03	Explain the operation of various manual and automated equipment that may be utilized within the communication system.
03.04	Explain the operation of a telephone system
03.05	Explain the operation of 911 equipment.
03.06	Explain the operation of radio equipment.
03.07	Explain the operation of ADA services including TDD and telephone relay services (711).
03.08	Explain the Florida Interoperability radio capabilities.
03.09	Define the purpose of the Florida Crime Information Center (FCIC) and the National Crime Information Center (NCIC).
03.10	Describe the purpose of Telematic Call Centers as it relates to the role of the public safety telecommunicator.
03.11	Identify the referral process for accessing resources outside of public safety.
04.0	Demonstrate communication and interpersonal skills--The student will be able to:
04.01	Demonstrate the use of a calm and controlled voice on radio and telephone.
04.02	Demonstrate interpersonal skills.
04.03	Demonstrate friendly and accurate customer service skills.
04.04	Demonstrate specific calming techniques as appropriate
04.05	Demonstrate the proper use of pronunciation and enunciation.
04.06	Demonstrate active listening skills.
04.07	Explain the difference between a fact and an inference.
04.08	Demonstrate the ability to recognize when information received is appropriate to the situation or appears suspicious.
04.09	Demonstrate decision-making skills.
04.10	Demonstrate the ability to give and follow instructions.
04.11	Demonstrate internal and external customer service skills.
04.12	Discuss the impact of Human Diversity as it relates to Public Safety.
05.0	Describe guidelines and operational standards of call classification and prioritization--The student will be able to:

05.01	Explain the importance of call classification and prioritization.
05.02	Describe the call type using the proper classification process.
05.03	Describe prioritization based on call type.
05.04	Demonstrate telephone techniques including call handling guidelines.
06.0	Perform operational skills--The student will be able to:
06.01	Obtain and organize pertinent information for dispatch.
06.02	Identify various procedures used when dispatching emergency and non-emergency calls.
06.03	Utilize available resources properly.
06.04	Correctly complete appropriate forms, logs, and files.
06.05	Obtain and process requests for service and/or resources from field units in a timely manner.
06.06	Demonstrate an understanding of federal, state, and local laws for disseminating information.
06.07	Explain the importance of and how to accurately brief on-coming telecommunicators.
06.08	Explain the importance of knowing and informing colleagues and supervisors of incidents that may adversely affect operations.
06.09	Explain geographical jurisdictions, mutual aid agreements, and how it affects day-to-day activities.
06.10	Demonstrate multi-functional dexterity.
06.11	Explain FSS 119 "Sunshine" Law and how it relates to public record requests.
06.12	Describe the impact and importance of disseminating public information.
07.0	Understand the basic principles and components of law enforcement and their relationship to the application of correct dispatch processes--The student will be able to:
07.01	Understand the roles and responsibilities of law enforcement officers
07.02	Understand the various reasons that citizens request police assistance.
07.03	Define criminal and civil complaints.
07.04	Understand why a telecommunicator should not give legal advice.
07.05	Define in-progress, just occurred, and past event calls.

07.06	Understand the role of the telecommunicator during crisis call incidents to include active shooter, barricaded subjects, hostage situations, suicide threats, missing or abducted person.
07.07	Identify the proper interview questions for crisis calls.
07.08	Identify the officer safety issues for both primary and secondary response units.
07.09	Describe the telecommunicator's role in officer safety.
07.10	Define Amber, Silver, and Blue alert calls.
07.11	Review the most commonly used terms in Law Enforcement.
08.0	Understand the basic principles and components of Emergency Medical Services (EMS) and their relationship to the application of correct dispatch processes--The student will be able:
08.01	Define what Basic Life Support (BLS) is, who the provider is and how it relates to the care of the patient.
08.02	Define what Advance Life Support (ALS) is, who the provider is and how it relates to the care of the patient.
08.03	Understand the roles and responsibilities of the emergency medical technician and paramedic.
08.04	Comprehend the various types of emergency response modes to medical calls.
08.05	Define multi-casualty incident (MCI).
08.06	Describe the role and responsibility of Telecommunicator during a MCI.
08.07	Define Air Rescue Transport Unit.
08.08	Define Trauma Center and Trauma Alert criteria.
08.09	Understand why some EMS calls may require Police/Fire response.
08.10	Review the most commonly used terms in EMS.
09.0	Understand the basic principles and components of Emergency Fire Services and their relationship to the application of correct dispatch processes--The student will be able to:
09.01	Understand the roles and responsibilities of fire service responders.
09.02	Define types of fire emergency calls.
09.03	Define differences between fire emergency/non-emergency calls.
09.04	Describe the telecommunicator's role in firefighting safety.
09.05	Comprehend the various types of emergency response modes to fire calls.

09.06	Define primary and secondary units.
09.07	Understand why some fire calls may require Law Enforcement/EMS response.
09.08	Know the different type of fire service apparatus used.
09.09	Review the most commonly used terms in the fire service.
10.0	Demonstrate an understanding of hazardous materials awareness and fire department responses (FEMA Online Training IS-5a Introduction to Hazardous Materials is acceptable for hazmat awareness)--The student will be able:
10.01	Describe the roles and responsibilities of fire services responders.
10.02	Define hazardous materials as substances (solids, liquids, or gases) that when released, are capable of causing harm to people, the environment, and property
10.03	Identify the differences between hazardous materials emergencies and other emergencies
10.04	Identify typical locations in the community where hazardous materials are stored, transported, used, or disposed
10.05	Identify that hazardous materials may be found in various types of containers
10.06	Describe the use of, and information obtained through, CHEMTREC and the DOT ERG in the identification and mitigation of hazardous materials
10.07	Identify the basic precautions to be taken to protect oneself and others in a hazardous materials incident
10.08	Demonstrate the role of a telecommunicator during a hazardous materials incident scenario
11.0	Understand the basic principles and components of Emergency Management and Homeland Security and their relationship as it relates to the telecommunicator--The student will be able to:
11.01	Define the role and responsibilities of the state, and federal emergency management operations.
11.02	Be familiar with different types of domestic and international terrorism threats.
11.03	Understand basic terminology regarding terrorism threats as it relates to WMD (Weapons of Mass Destruction).
11.04	Understand the role and responsibilities of NIMS.
11.05	Be familiar with Emergency Management Planning.
11.06	Understand the functions of the Emergency Operations Center.
11.07	Identify special consideration for natural, manmade, or technological disasters.
11.08	Explain the function of the TERT (Telecommunicators Emergency Response Taskforce) and its role and responsibilities during a disaster.
11.09	Explain the functions of state and regional assets as it pertains to disasters.

11.10	Identify examples of incidents that are reported to the county and state watch office or warning point.
11.11	Be familiar with the different types of Emergency Notification and Warning Resources utilized by local, state, and federal agencies for natural, manmade, or technological disasters.
12.0	Comprehend stress management techniques--The student will be able to:
12.01	Define stress.
12.02	Describe stressors unique to the telecommunicator and the telecommunication profession.
12.03	Describe techniques necessary to prevent and manage stress
12.04	Explain Critical Incident Stress Management (CISM).
12.05	Describe actions necessary to manage stress during an "in progress" incident.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

Any person employed as a 911 public safety telecommunicator at a public safety answering point, as defined s. 365.172(3)(a), must be certified by the Department of Health in accordance with s. 401.465.

<http://www.floridahealth.gov/licensing-and-regulation/911-public-safety-telecommunicator-program/index.html>

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.shtml>

Florida Department of Education
Curriculum Framework

Program Title: Correctional Officer (BRTP)
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430102
CIP Number	0743010200
Grade Level	30, 31
Standard Length	420 hours
Teacher Certification	CORR OFF 7 G LAW ENF @7 7G
CTSO	N/A
SOC Codes (all applicable)	33-3012-Correctional Offices and Jailers
CTE Program Resources	http://www.fl DOE.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Law Enforcement for information regarding basic skills and the Criminal Justice Basic Abilities Examination.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The Criminal Justice Standards and Training Commission have established basic recruit cross-over training programs to provide lateral movement of Florida officers between criminal justice disciplines. The Florida CMS Correctional Basic Recruit Training Program is published in two volumes: Florida CMS Correctional Basic Recruit Training Program Version 2014.07 and Florida Basic Recruit Training Program High Liability, Volume 2.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3)(b), F.S.

This program is established for the purpose of providing job-related training to students that require certification, in accordance with Chapter 943, Florida Statutes (F.S.) and Chapter 11B-35, Florida Administrative Code (F.A.C.) as a full-time Correctional Officers (SOC 33-3012).

The content includes, but is not limited to, knowledge of codes of ethics; laws, rules, and regulations; search and seizure; supervision, protection, care, custody, and control, or investigation, of inmates within a correctional institution.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	CJK0300	Introduction to Corrections	32 hours	33-3012
	CJK0305	Communications	40 hours	
	CJK0310	Officer Safety	16 hours	
	CJK0315	Facility and Equipment	8 hours	
	CJK0320	Intake and Release	18 hours	
	CJK0325	Supervising in a Correctional Facility	40 hours	
	CJK0330	Supervising Special Populations	20 hours	
	CJK0335	Responding to Incidents and Emergencies	16 hours	
	CJK0031	CMS First Aid for Criminal Justice Officers	40 hours	
	CJK0040	CMS Criminal Justice Firearms	80 hours	
	CJK0051	CMS Criminal Justice Defensive Tactics	80 hours	
	CJK0340	Officer Wellness and Physical Abilities	30 hours	

Standards

The **Criminal Justice Standards & Training Commission (CJSTC)** is responsible for establishing uniform minimum standards for the employment and training of full-time, part-time, and auxiliary law enforcement, and correctional and correctional probation officers and for establishing and maintaining officer training programs, curricula requirements, and certification of training schools and training school instructors.

The Curriculum Development staff is responsible for the design, implementation, maintenance, evaluation, and revision of job-related curricula for the commission-approved basic recruit, advanced, specialized, and specialized instructor training programs for law enforcement, correctional, and correctional probation officers.

The commission-approved curricula for the **Correctional Basic Recruit Training Program ATMS #1190** is available at http://www.fdle.state.fl.us/Content/getdoc/e0f681e3-e361-4c21-a095-7c7ae787dd4e/2014_CO_IG.aspx

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

Florida Department of Law Enforcement provides periodic updates to their curriculum and technical assistance through their frequently asked questions that can be located at: <http://www.fdle.state.fl.us/Content/getdoc/89630352-8b94-43f2-a8c5-ffdc5d9ddcfd/Curriculum-Home-Page.aspx>.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as

instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

**Florida Department of Education
Curriculum Framework**

Program Title: Florida Law Enforcement Academy
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430105
CIP Number	0743010700
Grade Level	30, 31
Standard Length	770 hours
Teacher Certification	LAW ENF @7 7G CORR OFF 7 G
CTSO	N/A
SOC Codes (all applicable)	33-3051 Police and Sheriff's Patrol Officers
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Law Enforcement for information regarding basic skills and the Criminal Justice Basic Abilities Examination.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The Criminal Justice Standards and Training Commission have established basic recruit cross-over training programs to provide lateral movement of Florida officers between criminal justice disciplines. The Florida Law Enforcement Academy is published in two volumes: Florida Law Enforcement Academy Training Program Version 2014.07 and Florida Basic Recruit Training Program High Liability, Volume 2.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3) (b), F.S.

This program is established for the purpose of providing job-related training to students that require certification, in accordance with Chapter 943, Florida Statutes (F.S.) and Chapter 11B-35, Florida Administrative Code (F.A.C.) as a full-time or part-time Law Enforcement Officer (SOC 33-3051).

The content includes, but is not limited to, knowledge of codes of ethics; history and evolution of laws; introduction to the criminal justice system; statutory authority of the FDLE CJSTC; basic law and legal procedures; law enforcement operations; investigation knowledge and skills; laws, rules, and regulations of arrest; search and seizure; knowledge of use of force; defensive tactics; physical fitness; weapons skills; controlling and restraining techniques; traffic control and direction, DUI enforcement techniques; first aid techniques; communications skills; and human relations skills.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	CJK0001	Introduction to Law Enforcement	10 hours	33-3051
	CJK0012	Legal	62 hours	
	CJK0013	Interactions in a Diverse Community	40 hours	
	CJK0014	Interviewing and Report Writing	56 hours	
	CJK0064	Fundamentals of Patrol	35 hours	
	CJK0065	Calls for Service	36 hours	
	CJK0077	Criminal Investigations	50 hours	
	CJK0078	Crime Scene to Courtroom	35 hours	
	CJK0092	Critical Incidents	44 hours	
	CJK0087	Traffic Stops	30 hours	
	CJK0084	DUI Traffic Stops	24 hours	
	CJK0088	Traffic Crash Investigations	32 hours	
	CJK0020	CMS Law Enforcement Vehicle Operations	48 hours	
	CJK0031	CMS First Aid for Criminal Justice Officers	40 hours	
	CJK0040	CMS Criminal Justice Firearms	80 hours	
	CJK0051	CMS Criminal Justice Defensive Tactics	80 hours	
	CJK0422	Dart-Firing Stun Gun	8 hours	
CJK0096	Criminal Justice Officer Physical Fitness Training/Law Enforcement	60 hours		

Standards

The **Criminal Justice Standards & Training Commission (CJSTC)** is responsible for establishing uniform minimum standards for the employment and training of full-time, part-time, and auxiliary law enforcement, and correctional and correctional probation officers and for establishing and maintaining officer training programs, curricula requirements, and certification of training schools and training school instructors.

The Curriculum Development staff is responsible for the design, implementation, maintenance, evaluation, and revision of job-related curricula for the commission-approved basic recruit, advanced, specialized, and specialized instructor training programs for law enforcement, correctional, and correctional probation officers.

The commission-approved curricula for the **Law Enforcement Basic Recruit Training Program ATMS# 1177** is available at <http://www.fdle.state.fl.us/Content/getdoc/02d3f8c5-bebb-484b-b643-77870941a46c/2014-LE-IG.aspx>

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

Florida Department of Law Enforcement provides periodic updates to their curriculum and technical assistance through their frequently asked questions that can be located at: <http://www.fdle.state.fl.us/Content/getdoc/89630352-8b94-43f2-a8c5-ffdc5d9ddcfd/Curriculum-Home-Page.aspx>

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as

instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Crossover from Correctional Probation Officer to Law Enforcement Officer
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430107
CIP Number	0743010703
Grade Level	30, 31
Standard Length	567 hours
Teacher Certification	CORR OFF 7 G LAW ENF @7 7G
CTSO	N/A
SOC Codes (all applicable)	33-3051 Police and Sheriff's Patrol Officers
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Law Enforcement for information regarding basic skills and the Criminal Justice Basic Abilities Examination.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The Criminal Justice Standards and Training Commission have established basic recruit cross-over training programs to provide lateral movement of Florida officers between criminal justice disciplines. The Correctional Probation Officer Cross-Over Training to Florida CMS Law Enforcement Basic Recruit Training Program is published in two volumes: Correctional Probation Officer Cross-Over Training to Florida CMS Law Enforcement Basic Recruit Training Program Version 2014.07 and Florida Basic Recruit Training Program High Liability, Volume 2.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3) (b), F.S.

This program is established for the purpose of providing job-related training to students that require certification, in accordance with Chapter 943, Florida Statutes (F.S.) and Chapter 11B-35, Florida Administrative Code (F.A.C.) as a full-time or part-time Law Enforcement Officer (SOC 33-3051). **A student enrolling in this program must hold current certification as a correctional probation officer in accordance with Chapter 11B-35, F.A.C., and Chapter 943, F.S.**

The content includes, but is not limited to, knowledge of codes of ethics; history and evolution of laws; introduction to the criminal justice system; statutory authority of the FDLE CJSTC; basic law and legal procedures; law enforcement operations; investigation knowledge and skills; laws, rules, and regulations of arrest; search and seizure; knowledge of use of force; defensive tactics; physical fitness; weapons skills; controlling and restraining techniques; traffic control and direction, DUI enforcement techniques; first aid techniques; communications skills; and human relations skills..

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	CJK0293	Overview of Law Enforcement	64 hours	33-3051
	CJK0228	Law Enforcement Report Writing	28 hours	
	CJK0064	Fundamentals of Patrol	35 hours	
	CJK0219	Responding to Calls for Service	47 hours	
	CJK0077	Criminal Investigations	50 hours	
	CJK0229	Crime Scene Procedures	27 hours	
	CJK0092	Critical Incidents	44 hours	
	CJK0087	Traffic Stops	30 hours	
	CJK0084	DUI Traffic Stops	24 hours	
	CJK0088	Traffic Crash Investigations	32 hours	
	CJK0393	Cross-Over Program Updates	8 hours	
	CJK0020	CMS Law Enforcement Vehicle Operations	48 hours	
	CJK0422	Dart-Firing Stun Gun	8 hours	
	CJK0040	CMS Criminal Justice Firearms	80 hours	
	CJK0227	Correctional Probation Cross-Over to Law Enforcement Officer Wellness	42 hours	

Standards

The **Criminal Justice Standards & Training Commission (CJSTC)** is responsible for establishing uniform minimum standards for the employment and training of full-time, part-time, and auxiliary law enforcement, and correctional and correctional probation officers and for establishing and maintaining officer training programs, curricula requirements, and certification of training schools and training school instructors.

The Curriculum Development staff is responsible for the design, implementation, maintenance, evaluation, and revision of job-related curricula for the commission-approved basic recruit, advanced, specialized, and specialized instructor training programs for law enforcement, correctional, and correctional probation officers.

The commission-approved curricula for the **Law Enforcement Basic Recruit Training Program ATMS# 1177** is available at <http://www.fdle.state.fl.us/Content/getdoc/0d593685-b420-4a75-a1b8-0c127e87d671/2014-07-xover-CPO-to-LE.aspx>

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

Florida Department of Law Enforcement provides periodic updates to their curriculum and technical assistance through their frequently asked questions that can be located at: <http://www.fdle.state.fl.us/Content/getdoc/89630352-8b94-43f2-a8c5-ffdc5d9ddcfd/Curriculum-Home-Page.aspx>

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary

education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Private Security Officer
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430109
CIP Number	0743010900
Grade Level	30, 31
Standard Length	68 hours
Teacher Certification	LAW ENF@ 7 7G PUB SERV 7 G
CTSO	N/A
SOC Codes (all applicable)	33-9032 Security Guards
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Agriculture and Consumer Services/Division of Licensing for information regarding basic skills.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of instruction consisting of one program with two occupational completion points. When the recommended sequence is followed, the structure will allow students to complete a specified portion of the program for employment or remain for advanced training. Per DOACS regulations, Section 5N-1.140, F.A.C., an applicant for a Class "D" Security Officer license may fulfill the training requirement by:

1. Successful completion of 40 hours of training; or
2. Successful completion of 24 hours of training, Course A, before initial application for, and 16 hours of training, Course B, upon the first application for renewal of, a Class "D" license.

When offered at the postsecondary level, this program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44 (3) (b), F.S.

The following table illustrates the postsecondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	CJK0132	Private Security Officer	40 hours	33-9032
B	CJK0134	Armed Private Security Officer	28 hours	33-9032

Standards

The **Florida Department of Agriculture and Consumer Services, Division of Licensing is responsible for** establishing standards for the employment and training of full-time private security, private investigative, and recovery services through licensure and regulation of those industries pursuant to Chapter 493, Florida Statutes.

<http://www.freshfromflorida.com/Divisions-Offices/Licensing/Private-Security>

The Division of Licensing approved curricula for the **Private Security Officer and Armed Security Officer** is available at <https://licensing.freshfromflorida.com/forms/SecurityOfficerCurriculumGuide.pdf>

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

OCP A in this program prepares postsecondary students for the unarmed Private Security Officer, Class "D" license, and occupations that require security licensing in accordance with Chapter 493, F.S. and Chapter 5N-1.140, F.A.C.

OCP B additionally prepares postsecondary students for advanced certified training for the Class "G" Armed Private Security Officer license and for specialized security such as that employed by nuclear-generating plants and hospitals. All objectives in the Armed Private Security Officer program are regulated by the DOACS in their Firearms Instructor's Training Manual, latest revision, in accordance with Chapter 493, F.S. The DOACS licenses Class "K" Firearms Instructors to teach this course, and students as Class "G" Armed Private Security Officers, after successful completion of this course. If the student can show proof that he or she is an active law enforcement officer, currently certified under the Florida Criminal Justice Standards and Training Commission, or has completed the training required for that certification within the last 12 months, or if the applicant submit one of the certificates specified in Chapter 493.6105 F.S., the DOACS may waive the firearms training requirement.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement

(Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Auxiliary Law Enforcement Officer
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430115
CIP Number	0743010701
Grade Level	30, 31
Standard Length	319 hours
Teacher Certification	LAW ENF @7 7G
CTSO	N/A
SOC Codes (all applicable)	33-3051 Police and Sheriff’s Patrol Officers
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Agriculture and Consumer Services/Division of Licensing for information regarding basic skills.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The Criminal Justice Standards and Training Commission have established basic recruit cross-over training programs to provide lateral movement of Florida officers between criminal justice disciplines. The Florida CMS Law Enforcement Auxiliary Officer Basic Recruit Training Program is published in two volumes: Florida CMS Law Enforcement Auxiliary Officer Basic Recruit Training Program Version 2014.07 and Florida Basic Recruit Training Program High Liability, Volume 2.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3) (b), F.S.

This program is established for the purpose of providing job-related training to students that require certification, in accordance with Chapter 943, Florida Statutes (F.S.) and Chapter 11B-35, Florida Administrative Code (F.A.C.) as a part-time Auxiliary law enforcement officer (SOC 33-3051).

The content includes, but is not limited to, knowledge of codes of ethics; history and evolution of laws; introduction to the criminal justice system; statutory authority of the FDLE CJSTC; basic law and legal procedures; law enforcement operations; investigation knowledge and skills; laws, rules, and regulations of arrest; search and seizure; knowledge of use of force; defensive tactics; physical fitness; weapons skills; controlling and restraining techniques; traffic control and direction, DUI enforcement techniques; first aid techniques; communications skills; and human relations skills.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code	
A	CJK0240	Law Enforcement Auxiliary Introduction	27 hours	33-3051	
	CJK0241	Law Enforcement Auxiliary Patrol and Traffic	19 hours		
	CJK0242	Law Enforcement Auxiliary Investigations	17 hours		
	CJK0422	Dart Firing Stun Gun	8 hours		
	CJK0031	CMS First Aid for Criminal Justice Officers	40 hours		
	Law Enforcement Auxiliary Officer Prerequisite Courses Above for a Total of 111 hours				
	CJK0040	CMS Criminal Justice Firearms	80 hours		
	CJK0051	CMS Criminal Justice Defensive Tactics	80 hours		
	CJK0020	CMS Law Enforcement Vehicle Operations	48 hours		

Standards

The **Criminal Justice Standards & Training Commission (CJSTC)** is responsible for establishing uniform minimum standards for the employment and training of full-time, part-time, and auxiliary law enforcement, and correctional and correctional probation officers and for establishing and maintaining officer training programs, curricula requirements, and certification of training schools and training school instructors.

The Curriculum Development staff is responsible for the design, implementation, maintenance, evaluation, and revision of job-related curricula for the commission-approved basic recruit, advanced, specialized, and specialized instructor training programs for law enforcement, correctional, and correctional probation officers.

The commission-approved curricula for the **Auxiliary Law Enforcement Officer ATMS #1180** is available at <http://www.fdle.state.fl.us/Content/getdoc/75f0f97c-a2e9-4110-918e-1b05f703085b/LE-Aux-IG-2014-07.aspx>

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

Florida Department of Law Enforcement provides periodic updates to their curriculum and technical assistance through their frequently asked questions that can be located at: <http://www.fdle.state.fl.us/Content/getdoc/89630352-8b94-43f2-a8c5-ffdc5d9ddcfd/Curriculum-Home-Page.aspx>

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as

instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

**Florida Department of Education
Curriculum Framework**

Program Title: Correctional Probation Officer
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV	
Program Number	P430122
CIP Number	0743010202
Grade Level	30, 31
Standard Length	449 hours
Teacher Certification	CORR OFF 7 G LAW ENF @7 7G
CTSO	N/A
SOC Codes (all applicable)	21-1092 Probation Officers and Correctional Treatment Specialists
CTE Program Resources	http://www.fl DOE.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Law Enforcement for information regarding basic skills and the Criminal Justice Basic Abilities Examination.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The Criminal Justice Standards and Training Commission have established basic recruit cross-over training programs to provide lateral movement of Florida officers between criminal justice disciplines. The Florida Correctional Probation Basic Recruit Training is published in two volumes: Florida Correctional Probation Basic Recruit Training Program Version 2014.07 and Florida Basic Recruit Training Program High Liability, Volume 2.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3)(b), F.S.

This program is established for the purpose of providing job-related training to students that require certification, in accordance with Chapter 943, Florida Statutes (F.S.) and Chapter 11B-35, Florida Administrative Code (F.A.C.) as a full-time Correctional Probation Officers (SOC 21-1092).

The content includes, but is not limited to, knowledge of codes of ethics; laws, rules, and regulations; search and seizure; supervision, protection, care, custody, and control, or investigation, of probationary person(s).

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	CJK0271	Correctional Probation Legal	57 hours	21-1092
	CJK0272	Correctional Probation Interpersonal Communication Skills	44 hours	
	CJK0273	Correctional Probation Caseload Management	40 hours	
	CJK0274	Correctional Probation Supervision	88 hours	
	CJK0275	Correctional Probation Investigations	39 hours	
	CJK0276	Correctional Probation Management Information Systems	27 hours	
	CJK0051	CMS Criminal Justice Defensive Tactics	80 hours	
	CJK0031	CMS First Aid for Criminal Justice Officers	40 hours	
	CJK0281	Criminal Justice Officer Physical Fitness Training/Probation Officer	34 hours	

Standards

The **Criminal Justice Standards & Training Commission (CJSTC)** is responsible for establishing uniform minimum standards for the employment and training of full-time, part-time, and auxiliary law enforcement, and correctional and correctional probation officers and for establishing and maintaining officer training programs, curricula requirements, and certification of training schools and training school instructors.

The Curriculum Development staff is responsible for the design, implementation, maintenance, evaluation, and revision of job-related curricula for the commission-approved basic recruit, advanced, specialized, and specialized instructor training programs for law enforcement, correctional, and correctional probation officers.

The commission-approved curricula for the **Correctional Probation Basic Recruit Training Program ATMS #1176** is available at http://www.fdle.state.fl.us/Content/getdoc/9183274d-6be1-471f-b8ec-0c2c3410b520/2013-07_CPO_IG.aspx

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

Florida Department of Law Enforcement provides periodic updates to their curriculum and technical assistance through their frequently asked questions that can be located at: <http://www.fdle.state.fl.us/Content/getdoc/89630352-8b94-43f2-a8c5-ffdc5d9ddcfd/Curriculum-Home-Page.aspx>.

This program must be offered by a CJSTC certified training center in order for the successfully completing student to be eligible to take the state certification examination for CJSTC certification.

This program may be offered in courses as long as 100% of minimum competencies are taught. Career and technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44, F.S.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

**Florida Department of Education
Curriculum Framework**

Program Title: Crossover from Correctional Officer to Law Enforcement Officer
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430125
CIP Number	0743010702
Grade Level	30, 31
Standard Length	515 hours
Teacher Certification	CORR OFF 7 G LAW ENF @7 7G
CTSO	N/A
SOC Codes (all applicable)	33-3051 Police and Sheriff's Patrol Officers
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Law Enforcement for information regarding basic skills and the Criminal Justice Basic Abilities Examination.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The Criminal Justice Standards and Training Commission have established basic recruit cross-over training programs to provide lateral movement of Florida officers between criminal justice disciplines. The Florida Correctional Officer Cross-Over Training to Florida CMS Law Enforcement is published in two volumes: Correctional Officer Cross-Over Training to Florida CMS Law Enforcement Basic Recruit Training Program Version 2014.07 and Florida Basic Recruit Training Program High Liability, Volume 2.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3) (b), F.S.

This program is established for the purpose of providing job-related training to students that require certification, in accordance with Chapter 943, Florida Statutes (F.S.) and Chapter 11B-35, Florida Administrative Code (F.A.C.) as full-time or part-time Law Enforcement Officers (SOC 33-3051). **A student enrolling in this program must possess current certification as a correctional officer in accordance with Chapters 943, F.S., and 11B-35, F.A.C.**

The content includes, but is not limited to, knowledge of codes of ethics; history and evolution of laws; introduction to the criminal justice system; statutory authority of the FDLE CJSTC; basic law and legal procedures; law enforcement operations; investigation knowledge and skills; laws, rules, and regulations of arrest; search and seizure; knowledge of use of force; defensive tactics; physical fitness; weapons skills; controlling and restraining techniques; traffic control and direction, DUI enforcement techniques; first aid techniques; communications skills; and human relations skills.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	CJK0293	Overview of Law Enforcement	64 hours	21-1092
	CJK0297	Interactions in Crisis Situations	10 hours	
	CJK0296	Reporting Procedures	32 hours	
	CJK0064	Fundamentals of Patrol	35 hours	
	CJK0065	Calls for Service	36 hours	
	CJK0077	Criminal Investigations	50 hours	
	CJK0078	Crime Scene to Courtroom	35 hours	
	CJK0092	Critical Incidents	44 hours	
	CJK0087	Traffic Stops	30 hours	
	CJK0084	DUI Traffic Stops	24 hours	
	CJK0088	Traffic Crash Investigations	32 hours	
	CJK0393	Cross-Over Program Updates	8 hours	
	CJK0020	CMS Law Enforcement Vehicle Operations	48 hours	
	CJK0422	Dart-Firing Stun Gun	8 hours	
	CJK0392	Cross-Over Handgun Transition Course	24 hours	
CJK0295	Correctional Cross-Over to Law Enforcement Officer Wellness	35 hours		

Standards

The **Criminal Justice Standards & Training Commission (CJSTC)** is responsible for establishing uniform minimum standards for the employment and training of full-time, part-time, and auxiliary law enforcement, and correctional and correctional probation officers and for establishing and maintaining officer training programs, curricula requirements, and certification of training schools and training school instructors.

The Curriculum Development staff is responsible for the design, implementation, maintenance, evaluation, and revision of job-related curricula for the commission-approved basic recruit, advanced, specialized, and specialized instructor training programs for law enforcement, correctional, and correctional probation officers.

The commission-approved curricula for the **Crossover from Correctional Officer to Law Enforcement Officer ATMS #1191** is available at <http://www.fdle.state.fl.us/Content/getdoc/3de904c1-efd7-4ded-9126-6eae17209a0d/2014-07-xover-CO-to-LE.aspx>

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

Florida Department of Law Enforcement provides periodic updates to their curriculum and technical assistance through their frequently asked questions that can be located at: <http://www.fdle.state.fl.us/Content/getdoc/89630352-8b94-43f2-a8c5-ffdc5d9ddcfd/Curriculum-Home-Page.aspx>

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted

from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Crossover from Correctional Officer to Correctional Probation Officer
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430132
CIP Number	0743010203
Grade Level	30,31
Standard Length	194 hours
Teacher Certification	CORR OFF 7 G LAW ENF @7 7G
CTSO	N/A
SOC Codes (all applicable)	21-1092 Probation Officers and Correctional Treatment Specialists
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Law Enforcement for information regarding basic skills and the Criminal Justice Basic Abilities Examination.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The Criminal Justice Standards and Training Commission have established basic recruit cross-over training programs to provide lateral movement of Florida officers between criminal justice disciplines. The Florida CMS Correctional Basic Recruit Training Correctional Officer Cross-Over Training to Florida Correctional Probation Basic Recruit Training Program is published in one volume: Correctional Officer Cross-Over Training to Florida Correctional Probation Basic Recruit Training Program Version 2014.07.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3) (b), F.S.

This program is established for the purpose of providing job-related training to students that require certification, in accordance with Chapter 943, Florida Statutes (F.S.) and Chapter 11B-35, Florida Administrative Code (F.A.C.) as a full-time Correctional Probation Officer (SOC 21-1092).

The content includes, but is not limited to, knowledge of codes of ethics; laws, rules, and regulations; search and seizure; supervision, protection, care, custody, and control, or investigation, of probationary person(s).

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	CJK0230	Correctional Cross-Over to Correctional Probation Legal and Communication	18 hours	21-1092
	CJK0231	Correctional Cross-Over to Correctional Probation Supervision	57 hours	
	CJK0232	Correctional Cross-Over to Correctional Probation Investigations	30 hours	
	CJK0276	Correctional Probation Management Information Systems	27 hours	
	CJK0273	Correctional Probation Caseload Management	40 hours	
	CJK0393	Cross-Over Program Updates	8 hours	
	CJK0235	Correctional Cross-Over to Correctional Probation Officer Wellness	14 hours	

Standards

The **Criminal Justice Standards & Training Commission (CJSTC)** is responsible for establishing uniform minimum standards for the employment and training of full-time, part-time, and auxiliary law enforcement, and correctional and correctional probation officers and for establishing and maintaining officer training programs, curricula requirements, and certification of training schools and training school instructors.

The Curriculum Development staff is responsible for the design, implementation, maintenance, evaluation, and revision of job-related curricula for the commission-approved basic recruit, advanced, specialized, and specialized instructor training programs for law enforcement, correctional, and correctional probation officers.

The commission-approved curricula for the **Crossover from Correctional Officer to Correctional Probation Officer (ATMS# 1183)** is available at <http://www.fdle.state.fl.us/Content/getdoc/8134d142-bcc1-4ca7-9ca9-66e6a53da69b/2014-07-CO-to-CPO.aspx>

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

Florida Department of Law Enforcement provides periodic updates to their curriculum and technical assistance through their frequently asked questions that can be located at: <http://www.fdle.state.fl.us/Content/getdoc/89630352-8b94-43f2-a8c5-ffdc5d9ddcfd/Curriculum-Home-Page.aspx>

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary

education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Bail Bond Agent
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430135
CIP Number	0743019902
Grade Level	30, 31
Standard Length	120 hours
Teacher Certification	LAW ENF @7 G
CTSO	N/A
SOC Codes (all applicable)	13-2099 Financial Specialists, All other
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department Financial Services/Division of Consumer Services for information regarding basic skills.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to prepare students for employment or advanced training in the bail bonding industry. This program prepares students for employment as bail bond agents (SOC 13-2099), in accordance with Chapter 648, Florida Statutes, and Rule 69B-221, Florida Administrative Code (FAC).

This program focuses on broad, transferable skills, stresses the understanding of all aspects of the bail bonding industry, and demonstrates such elements of the industry as planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, and health, safety, and environmental issues.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3)(b), F.S.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	SCY0050	Bail Bond Agent	120 hours	13-2099

Regulated Programs

Questions about licensing applications should be directed to the Florida Department of Financial Services (DFS), Division of Consumer Services, Bureau of Licensing, Qualifications Section, 200 East Gaines Street, Tallahassee, Florida, 32399-0319, phone number (850) 413-3137 or www.fldfs.com.

To qualify as a Bail Bond Agent (Professional Bail Bond Agent or Limited Surety Agent) a student must first be issued a temporary limited license as a Professional Bail Bond Agent or Limited Surety Agent for 18 months. Licensure as a temporary limited licensee is a prerequisite in order to be able to apply for licensure as a regular Bail Bond Agent.

To qualify for a temporary Professional Limited Surety/Bail Bond Agent license, the DFS requires a student to complete at least 120 hours of classroom instruction with a passing score of 80 percent or higher in an approved basic certification course in the criminal justice system and successful completion of a 20 hour correspondence course for Bail Bond Agents approved by DFS.

The *Bail and Bail Bond Insurance in Florida Study Guide* for the 20 hour correspondence course may be obtained online at <http://pd.dce.ufl.edu/insurance-pre-licensing-bail-bond-agent-qualification.aspx> or from the Division of Continuing Education, Professional Development, 2046 NE Waldo Road, Suite 1101, Gainesville, FL 32609, telephone number (352) 392-1711, fax number: (352) 392-6950, toll free: 800-327-4218, learn@dce.ufl.edu.

Common Career Technical Core – Career Ready Practices

Career Ready Practices describe the career-ready skills that educators should seek to develop in their students. These practices are not exclusive to a Career Pathway, program of study, discipline or level of education. Career Ready Practices should be taught and reinforced in all career exploration and preparation programs with increasingly higher levels of complexity and expectation as a student advances through a program of study.

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly, effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.
10. Plan education and career path aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural/global competence.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Bail bond laws, rules and regulations.
- 02.0 Professional relationships.
- 03.0 Operating a bail bond agency.
- 04.0 Arrest laws.
- 05.0 Arrest techniques and search and seizure.
- 06.0 Defense.
- 07.0 Collateral.
- 08.0 Forfeitures, estreatures and judgments.
- 09.0 Civil law.
- 10.0 Courtroom demeanor and court organization.
- 11.0 Criminal law.

Florida Department of Education
Student Performance Standards

Program Title: Bail Bond Agent
PSAV Number: P430135

Course Number: SCY 0050
Occupational Completion Point: A
Bail Bond Agent – 120 Hours – SOC Code 13-2099

01.0 Bail bond laws, rules and regulations--The student will be able to:

01.01 Locate and discuss Chapters 648, Bail Bond Agents and Chapter 903, Bail in the Florida Statutes (F.S.).

01.02 Discuss the rules and regulations contained in Chapter 69B-221, Regulation of Limited Surety Agents, in the Florida Administrative Code (F.A.C.).

02.0 Professional relationships--The student will be able to:

02.01 Discuss the relationship between the agent and the client:

a. Initial contact, s. 69B-221.095, F.A.C. and 648.44(1)(a-c).

b. Disposition of cases, s. 648.571, 903.105(4) (a), 903.105(5), 903.331, F.S.

c. Court appearances, s. 648.44(1) (n).

d. Posting a bond, s. 69B-221.105 and .145, F.A.C.

e. Taking collateral, s. 69B-221.120, .125, .130, .135 F.A.C. and s. 648.442, and 648.571 F.S.

02.02 Discuss the relationship between the agent and the family of the client, s. 648.44(1) (c), F.S.

02.03 Discuss the relationship between the agent and the indemnitor, s. 69B-221.140, F.A.C.

02.04 Describe the relationship with court system personnel, s. 648.42, .421 and .44(2), F.S.

02.05 Describe 648.44(1) (a), F.S. as it applies to Bail Bondsman.

02.06 Discuss how to relate to law enforcement personnel, s. 648.42 F.S.

02.07 Understand how to refer clients to helpful programs for their specific needs (i.e. A.A., drug rehabilitation, etc.)

03.0 Operating a bail bond agency--The student will be able to:

03.01	Understand the general office procedures of an agent, s. 648.295, 648.36, 648.365, F.S. and 69B-221.051 F.A.C.
03.02	Review the forms used to execute a bail bond, s. 69B-221.051, .055, .125, .130 and .155 F.A.C., including bond power, s. 648.43, 648.441 F.S., affidavit form, statement form and appearance bond.
03.03	Review and complete an application for bail, s. 69B-221.055(2), F.A.C.
03.04	Review and complete an indemnity agreement, s. 69B-221.140 F.A.C.
03.05	Maintain a daily bond register, s. 69B-221.055(1), F.A.C.
03.06	Maintain an individual file for each client, s. 69B-221.055(2), F.A.C.
03.07	Correctly complete a pre-numbered receipt for money, collateral, or any other consideration accepted for any bail bond or other undertaking which they execute, s. 69B-221.055, .115, and .120 F.A.C.
03.08	Understand the required forms and conditions for accepting and handling collateral, s. 69B-221.120, .125, .130, .135, F.A.C. and 648.442, F.S.
03.09	Understand advertising requirements and limitations, s. 648.44(1) and 626.9541 F.S.
03.10	Describe the procedure for the use of credit cards and cash advance facilities in conjunction with issuing bail bonds, s. 69B-221.145, F.A.C.
03.11	Understand the requirements for the use of bank accounts for collateral security, s. 648.442(3), F.S.
03.12	Understand the terms of a certificate of cancellation (bond discharge).
03.13	Discuss premium refunds, s. 69B-221.110 and .105(5), F.A.C.
03.14	Discuss appeal bonds, s. 924.15, 903.131 and 903.132, F.S.
03.15	Discuss who may own an agency and the licensing requirements for agency owners, s. 648.285(1), F.S.
03.16	Understand the appointment requirements and responsibilities of primary bail bond agents, s. 69B-221.051, F.A.C., and s. 648.387, F.S.
03.17	Understand the restrictions on temporary limited surety agents, s. 648.382 and 648.355 F.S.
03.18	Understand the duties, responsibilities and required supervision of temporary limited surety agents, s. 648.355, F.S.
04.0	Arrest laws--The student will be able to:
04.01	Explain the following:
	a. s. 903.21, F.S. and 69B-221.100; Method of surrender and exoneration of obligers.
	b. s. 903.22, F.S., Arrest of principal by surety before forfeiture
	c. s. 903.29, F.S., Arrest of principal by surety after forfeiture

d. s. 843.15, F.S., Bail jumping
04.02 Discuss the following case law relating to arrest powers:
a. Taylor v. Taintor – U.S. Supreme Court
b. Masterson v. Hathaway
c. Com. v. Brickett
d. Nicolls v. Inersoll
e. Puerto Rico v. Branstad (Extradition Act 18 U.S.C. 3182)
f. Register v. Barton, 75 So.2d 187 (Fla.1954).
04.03 Describe conditions of arrest, s. 648.30, s. 903.29, F.S.:
a. Agent's right to delegate arrest power, s. 648.30(3), F.S.
b. Value of certified copy of bond, s. 903.21, F.S.
c. Positive identification of defendant
d. Custody and control of defendant after arrest by surety
• Most direct route to deliver defendant to court jurisdiction
• Surrender slip from detention facility
• DFS Statement of Surrender Form, s. 648.4425, F.S. and 69B-221.100 (Form # DFS-H2-1542).
04.04 Describe the liability of the agent and of the surety company for false arrest.
05.0 Arrest techniques and search of defendant--The student will be able to:
05.01 Discuss skip tracing techniques:
a. Failure to appear with no estreature, s. 903.1, .20, .22, F.S.)
b. Importance of application, photograph, and certified copy of bond
05.02 Demonstrate handcuffing techniques.
05.03 Check for weapons per the Florida Stop and Frisk Law, s. 901.151, F.S.
06.0 Demonstrate Defensive Tactics--The student will be able to:

06.01	Demonstrate self-defense techniques.
06.02	Understand safety precautions.
06.03	Know the elements of attack; surprise, speed, skill and strength.
06.04	Demonstrate methods of approach; mental alertness, position, and defensive stance.
06.05	Understand the use of pressure points and sensitive areas.
06.06	Discuss the importance of body fitness, exercises for body toning and practice of holds and breaking holds.
07.0	Collateral--The student will be able to:
07.01	Identify forms of collateral, s. 69B-221.120, .125, .130, .135, F.A.C. and s. 648.442, F.S.
07.02	Determine value adequacy of collateral.
07.03	Describe how to record documents/documentary stamps and name of indemnitor, and issue receipts for return of collateral, s. 69B-221.105 and .120, F.A.C.
07.04	Discuss collateral risks.
08.0	Forfeitures, estreatures and judgments--The student will be able to:
08.01	Discuss why a stay order would apply.
08.02	Discuss why a "rule to show cause" would be file against a surety company.
08.03	Discuss certified judgments, s. 627.427, 648.44(1)(m), and 903.27, F.S.
08.04	Discuss surrender of the defendant before breach of bond, s. 903.20, .22 and .28, F.S.
08.05	Describe payments/nonpayments of estreatures/forfeitures, s. 903.26, and .29, F.S.
08.06	Discuss ramifications for non-payment of forfeitures and judgments, s.648.44(1)(m), 903.27, and 903.29, F.S.
09.0	Civil law--The student will be able to:
09.01	Understand the difference between:
	a. Civil and criminal law
	b. Case law, Florida Statutes, and Constitutional Law
	c. Civil law-agent liability for client injury
09.02	Know the types of damages; compensatory and punitive.

09.03	Know the courts of civil law:
	a. Federal Court – jurisdiction
	b. Florida State Court – jurisdiction
	c. County court
	d. Circuit court
	e. Appellate courts
	f. Florida Supreme Court
09.04	Discuss intentional torts:
	a. Malicious prosecution action
	b. Six elements necessary in posing a Mal Pro action
	c. False arrest action and grounds for defense
09.05	Understand the concepts of a civil suit; complaint, answer, discovery, summary judgment, trial, motion for new trial, appeal, certification to the Supreme Court of Florida, and final disposition.
09.06	Understand conduct to avoid a civil law suit.
09.07	Understand privileged information as applied to surety agent and client relationship and as applied to attorney and client relationship.
10.0	Courtroom demeanor and court organization--The student will be able to:
10.01	Discuss demeanor regarding:
	a. Appearance before the court
	b. Responding to court questions
	c. Approaching the bench
	d. Conduct as a witness
	e. Perjury
	f. Promptness
10.02	Discuss court organization:
	a. Circuit Court

<ul style="list-style-type: none"> • General Jurisdiction (Civil)
<ul style="list-style-type: none"> • Juvenile and Family Division
<ul style="list-style-type: none"> • Probate
<ul style="list-style-type: none"> • Criminal Division
b. County Court
<ul style="list-style-type: none"> • Civil Division
<ul style="list-style-type: none"> • Magistrate Division
<ul style="list-style-type: none"> • Crimes Division
<ul style="list-style-type: none"> • Branch Court Division/Full Branch Courts/Traffic Branch Courts
11.0 Criminal law--The student will be able to:
11.01 Know what constitutes a felony, misdemeanor, traffic offense and infraction.
11.02 Know the basic elements of a crime:
a. Actus Reaus
<ul style="list-style-type: none"> • Voluntary acts
<ul style="list-style-type: none"> • Acts forbidden by law
<ul style="list-style-type: none"> • Negative acts
b. Mens Rea
c. Se Inter
11.03 Understand specific intent relative to knowledge and relative to motive.
11.04 Understand liabilities:
a. For the crimes of others
<ul style="list-style-type: none"> • 18 U.S.C. Sec. 2. Principals
<ul style="list-style-type: none"> • Chapter 843, F.S. – Obstructing Justice
A. Refusing assistance to a prison officer

B. Neglect or refusal to aid a peace officer

C. Falsely impersonating an officer

D. Compounding a felony

b. Forgery

11.05 Define common law, statutory law and rules and regulations of administrative branches.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

All questions and requests for information about examinations and examination administration should be directed to Prometric, A Division of Capstar, 1260 Energy Lane, St. Paul, Minnesota, 55108, fax number (800) 347-9242, TDD users (800) 790-3926, phone number (800) 343-6001 or <http://www.prometric.com/default.htm>.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary

education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.shtml>

Florida Department of Education
Curriculum Framework

Program Title: Crossover from Correctional Probation Officer Training to Traditional Correctional (B RTP)
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430142
CIP Number	0743010204
Grade Level	30, 31
Standard Length	250 hours
Teacher Certification	CORR OFF 7 G LAW ENF @7 7G
CTSO	N/A
SOC Codes (all applicable)	33-3012 Correctional Officer and Jailers
CTE Program Resources	http://www.fl DOE.org/academics/career-adult-edu/career-tech-edu/program-resources.stm
Basic Skills Level	Contact the Florida Department of Law Enforcement for information regarding basic skills and the Criminal Justice Basic Abilities Examination

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The Criminal Justice Standards and Training Commission have established basic recruit cross-over training programs to provide lateral movement of Florida officers between criminal justice disciplines. The Correctional Probation Officer Cross-Over Training to Florida CMS Correctional Basic Recruit Training Program is published in two volumes: Correctional Probation Officer Cross-Over Training to Florida CMS Correctional Basic Recruit Training Program Version 2014.07 and Florida Basic Recruit Training Program High Liability, Volume 2.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3) (b), F.S.

This program is established for the purpose of providing job-related training to students that require certification, in accordance with Chapter 943, Florida Statutes (F.S.) and Chapter 11B-35, Florida Administrative Code (F.A.C.) as a full-time Correctional Officers (SOC 33-3012). **A student enrolling in this program must hold current certification as a correctional probation officer in accordance with Chapters 943, F.S. and 11B-35, F.A.C.**

The content includes, but is not limited to, knowledge of codes of ethics; laws, rules, and regulations; search and seizure; supervision, protection, care, custody, and control, or investigation, of inmates within a correctional institution.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	CJK0300	Introduction to Corrections	32 hours	33-3012
	CJK0287	Correctional Probation Cross-Over to Correctional Radio Communications and Searches	10 hours	
	CJK0315	Facility and Equipment	8 hours	
	CJK0320	Intake and Release	18 hours	
	CJK0325	Supervising in a Correctional Facility	40 hours	
	CJK0330	Supervising Special Populations	20 hours	
	CJK0335	Responding to Incidents and Emergencies	16 hours	
	CJK0393	Cross-Over Program Updates	8 hours	
	CJK0391	Correctional Probation Cross-Over to Correctional Officer Wellness	18 hours	
	CJK0040	CMS Criminal Justice Firearms	80 hours	

Standards

The **Criminal Justice Standards & Training Commission (CJSTC)** is responsible for establishing uniform minimum standards for the employment and training of full-time, part-time, and auxiliary law enforcement, and correctional and correctional probation officers and for establishing and maintaining officer training programs, curricula requirements, and certification of training schools and training school instructors.

The Curriculum Development staff is responsible for the design, implementation, maintenance, evaluation, and revision of job-related curricula for the commission-approved basic recruit, advanced, specialized, and specialized instructor training programs for law enforcement, correctional, and correctional probation officers.

The commission-approved curricula for the **Crossover from Correctional Probation Officer Training to Correctional (BRTP) ATMS# 1193** is available at: <http://www.fdle.state.fl.us/Content/getdoc/2b1c49c6-a3a7-4961-823b-5ba800fd2c2f/2014-07-CPO-to-CO-xover.aspx>

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

Florida Department of Law Enforcement provides periodic updates to their curriculum and technical assistance through their frequently asked questions that can be located at: <http://www.fdle.state.fl.us/Content/getdoc/89630352-8b94-43f2-a8c5-ffdc5d9ddcfd/Curriculum-Home-Page.aspx>

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as

instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

**Florida Department of Education
Curriculum Framework**

Program Title: Crossover from Law Enforcement Officer to Correctional Officer
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430152
CIP Number	0743010205
Grade Level	30, 31
Standard Length	172 hours
Teacher Certification	CORR OFF 7 G LAW ENF @7 7G
CTSO	N/A
SOC Codes (all applicable)	33-3012 Correctional Officers and Jailers
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Law Enforcement for information regarding basic skills and the Criminal Justice Basic Abilities Examination

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The Criminal Justice Standards and Training Commission have established basic recruit cross-over training programs to provide lateral movement of Florida officers between criminal justice disciplines. The Law Enforcement Officer Cross-Over Training to Florida CMS Correctional Basic Recruit Training Program is one volume: Law Enforcement Officer Cross-Over Training to Florida CMS Correctional Basic Recruit Training Program Version 2014.07.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3) (b), F.S.

This program is established for the purpose of providing job-related training to students that require certification, in accordance with Chapter 943, Florida Statutes (F.S.) and Chapter 11B-35, Florida Administrative Code (F.A.C.) as a full-time Correctional Officers (SOC 33-3012).

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	CJK0200	Overview of Corrections	14 hours	33-3012
	CJK0310	Officer Safety	16 hours	
	CJK0315	Facility and Equipment	8 hours	
	CJK0320	Intake and Release	18 hours	
	CJK0325	Supervising in a Correctional Facility	40 hours	
	CJK0330	Supervising Special Populations	20 hours	
	CJK0205	Law Enforcement Cross-over to Correctional Responding to Incidents and Emergencies	12 hours	
	CJK0393	Cross-Over Program Updates	8 hours	
	CJK0392	Cross-Over Handgun Transition Course	24 hours	
	CJK0354	Law Enforcement Cross-over to Correctional Officer Wellness	12 hours	

Standards

The **Criminal Justice Standards & Training Commission (CJSTC)** is responsible for establishing uniform minimum standards for the employment and training of full-time, part-time, and auxiliary law enforcement, and correctional and correctional probation officers and for establishing and maintaining officer training programs, curricula requirements, and certification of training schools and training school instructors.

The Curriculum Development staff is responsible for the design, implementation, maintenance, evaluation, and revision of job-related curricula for the commission-approved basic recruit, advanced, specialized, and specialized instructor training programs for law enforcement, correctional, and correctional probation officers.

The commission-approved curricula for the **Crossover from Law Enforcement Officer to Correctional Officer (ATMS# 1192)** is available at <http://www.fdle.state.fl.us/Content/getdoc/d7953a1d-e617-41b5-aba5-b4211c794855/2014-LE-to-CO-xover.aspx>

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

Florida Department of Law Enforcement provides periodic updates to their curriculum and technical assistance through their frequently asked questions that can be located at: <http://www.fdle.state.fl.us/Content/getdoc/89630352-8b94-43f2-a8c5-ffdc5d9ddcfd/Curriculum-Home-Page.aspx>

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary

education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Combined CJSTC Corrections and Law Enforcement Basic Dual Certification
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430155
CIP Number	0743010706
Grade Level	30, 31
Standard Length	935 hours
Teacher Certification	CORR OFF 7 G LAW ENF @7 7G
CTSO	N/A
SOC Codes (all applicable)	33-3012 Correctional Officers and Jailers 33-3051 Police and Sheriff's Patrol Officers
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Law Enforcement for information regarding basic skills and the Criminal Justice Basic Abilities Examination.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The Florida CMS Correctional Basic Recruit Training Program is published in two volumes: Florida CMS Correctional Basic Recruit Training Program Version 2014.07 and Florida Basic Recruit Training Program High Liability, Volume 2. The Correctional Officer Cross-Over Training to Florida CMS Law Enforcement Basic Recruit Training is published in one volume: Correctional Officer Cross-Over Training to Florida CMS Law Enforcement Basic Recruit Training Program Version 2014.07.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3) (b), F.S.

This program is established for the purpose of providing job-related training to students that require certification, in accordance with Chapter 943, Florida Statutes (F.S.) and Chapter 11B-35, Florida Administrative Code (F.A.C.) as a full-time Correctional Officers (SOC 33-3012) or as a full-time or part-time Law Enforcement Officer (SOC 33-3051). **A student enrolling in this program must possess current certification as a correctional officer in accordance with Chapters 943, F.S., and 11B-35, F.A.C. before entering into the Cross-Over Training to Law Enforcement.**

The content includes, but is not limited to, knowledge of codes of ethics; laws, rules, and regulations of arrest; search and seizure; patrol procedures; traffic control and direction; law enforcement vehicle operations; investigation of traffic crashes; DUI enforcement techniques; crime scene investigation techniques; trial procedures and testimony; communications. The content also includes but is not limited to, knowledge of codes of ethics; laws, rules, and regulations; search and seizure; supervision, protection, care, custody, and control, or investigation, of inmates within a correctional institution.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	CJK0300	Introduction to Corrections	32 hours	33-3012
	CJK0305	Communications	40 hours	
	CJK0310	Officer Safety	16 hours	
	CJK0315	Facility and Equipment	8 hours	
	CJK0320	Intake and Release	18 hours	
	CJK0325	Supervising in a Correctional Facility	40 hours	
	CJK0330	Supervising Special Populations	20 hours	
	CJK0335	Responding to Incidents and Emergencies	16 hours	
	CJK0031	CMS First Aid for Criminal Justice Officers	40 hours	
	CJK0040	CMS Criminal Justice Firearms	80 hours	
	CJK0051	CMS Criminal Justice Defensive Tactics	80 hours	
	CJK0340	Officer Wellness and Physical Abilities	30 hours	
	CJK0293	Overview of Law Enforcement	64 hours	33-3051
	CJK0297	Interactions in Crisis Situations	10 hours	
	CJK0296	Reporting Procedures	32 hours	

OCP	Course Number	Course Title	Length	SOC Code
	CJK0064	Fundamentals of Patrol	35 hours	
	CJK0065	Calls for Service	36 hours	
	CJK0077	Criminal Investigations	50 hours	
	CJK0078	Crime Scene to Courtroom	35 hours	
	CJK0092	Critical Incidents	44 hours	
	CJK0087	Traffic Stops	30 hours	
	CJK0084	DUI Traffic Stops	24 hours	
	CJK0088	Traffic Crash Investigations	32 hours	
	CJK0393	Cross-Over Program Updates	8 hours	
	CJK0020	CMS Law Enforcement Vehicle Operations	48 hours	
	CJK0422	Dart-Firing Stun Gun	8 hours	
	CJK0295	Correctional Cross-Over to Law Enforcement Officer Wellness	35 hours	
	CJK0392	Cross-Over Handgun Transition Course	24 hours	

Standards

The **Criminal Justice Standards & Training Commission (CJSTC)** is responsible for establishing uniform minimum standards for the employment and training of full-time, part-time, and auxiliary law enforcement, and correctional and correctional probation officers and for establishing and maintaining officer training programs, curricula requirements, and certification of training schools and training school instructors.

The Curriculum Development staff is responsible for the design, implementation, maintenance, evaluation, and revision of job-related curricula for the commission-approved basic recruit, advanced, specialized, and specialized instructor training programs for law enforcement, correctional, and correctional probation officers.

The commission-approved curricula's for the **Combined CJSTC Corrections and Law Enforcement Basic Dual Certification (ATMS #1190 and ATMS#1191)** is available in two separate documents at:

ATMS#1190- http://www.fdle.state.fl.us/Content/getdoc/e0f681e3-e361-4c21-a095-7c7ae787dd4e/2014_CO_IG.aspx

ATMS#1191- <http://www.fdle.state.fl.us/Content/getdoc/3de904c1-efd7-4ded-9126-6eae17209a0d/2014-07-xover-CO-to-LE.aspx>

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

Florida Department of Law Enforcement provides periodic updates to their curriculum and technical assistance through their frequently asked questions that can be located at: <http://www.fdle.state.fl.us/Content/getdoc/89630352-8b94-43f2-a8c5-ffdc5d9ddcfd/Curriculum-Home-Page.aspx>.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as

instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Criminal Justice Operations
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430199
CIP Number	0743010305
Grade Level	30, 31
Standard Length	450 hours
Teacher Certification	LAW ENF @7 7 G PUB SERV 7 G CORR OFF 7 G
CTSO	N/A
SOC Codes (all applicable)	13-1041 Compliance Officers 33-9090 Miscellaneous Protective Service Workers 19-4092 Forensic Science Technicians 13-2099 Financial Specialist, All Other 33-3041 Parking Enforcement Workers
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	N/A

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3)(b), F.S.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	CJK0120	Police Service Aide-Criminal Justice Operations	450 hours	33-9090

Common Career Technical Core – Career Ready Practices

Career Ready Practices describe the career-ready skills that educators should seek to develop in their students. These practices are not exclusive to a Career Pathway, program of study, discipline or level of education. Career Ready Practices should be taught and reinforced in all career exploration and preparation programs with increasingly higher levels of complexity and expectation as a student advances through a program of study.

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly, effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.
10. Plan education and career path aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural/global competence.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Identify the history, goals, and career opportunities in the criminal justice system.
- 02.0 Interpret ethics and professionalism in relation to the criminal justice system.
- 03.0 Discuss constitutional and criminal laws at the federal, state, and local levels.
- 04.0 Describe court systems and trial processes.
- 05.0 Discuss the juvenile justice system.
- 06.0 Describe the correctional system.
- 07.0 Utilize personal, interpersonal, and communication skills.
- 08.0 Demonstrate employability skills.
- 09.0 Describe and demonstrate characteristics and procedures of patrol.
- 10.0 Describe crime prevention programs and demonstrate their development and implementation.
- 11.0 Prepare written reports.
- 12.0 Describe and demonstrate traffic-control procedures.
- 13.0 Describe and demonstrate parking enforcement procedures.
- 14.0 Describe the use-of-force continuum guidelines as it applies to Federal, State, and local laws and physical proficiency skills.
- 15.0 Demonstrate safety precautions, first aid, and cardiopulmonary resuscitation (CPR).
- 16.0 Describe procedures to prevent the transmission of sexually transmitted diseases, including AIDS and other blood-borne pathogens.
- 17.0 Discuss crime scene safety.
- 18.0 Describe and demonstrate criminal investigation procedures.
- 19.0 Describe and/or demonstrate forensic science tasks, such as fingerprinting, crime laboratory examination, and forensic photography.
- 20.0 Explain and demonstrate property control procedures.
- 21.0 Explain and demonstrate a traffic crash investigation.
- 22.0 Demonstrate computer literacy.
- 23.0 Apply job related math skills.
- 24.0 Demonstrate an awareness of cultural diversity.
- 25.0 State the authority of the TCI as outlined in Chapter 316.640, Florida Statute.
- 26.0 List the procedures of traffic crash scene management.
- 27.0 Describe how to properly execute scene management.
- 28.0 List the basic principles of traffic crash investigations.
- 29.0 Determining the causation of a crash.
- 30.0 Describe and demonstrate how to complete the on-site Crash investigation.
- 31.0 Document and complete a report.
- 32.0 Describe courtroom demeanor and testimony.
- 33.0 Explain the community service officer's/police service aide's role, ethics, and professionalism.
- 34.0 Demonstrate patrol procedures.
- 35.0 Demonstrate investigative report writing skills.
- 36.0 Conduct preliminary property crime investigations.
- 37.0 Participate in job shadowing/work based learning experiences

Florida Department of Education
Student Performance Standards

Program Title: Criminal Justice Operations
PSAV Number: P430199

Course Number: CJK 0120
Occupational Completion Point: A
Police Service Aide-Criminal Justice Operations – 450 Hours – SOC Code 33-9090

01.0 Identify the history, goals, and career opportunities in the criminal justice system–The student will be able to:

01.01 Describe the parts and functions of the criminal justice system.

01.02 Identify the history and goals of the criminal justice system.

01.03 Identify and describe career opportunities in the criminal justice system.

01.04 Identify the prerequisites for job entry into the criminal justice system.

02.0 Interpret ethics and professionalism in relation to the criminal justice system–The student will be able to:

02.01 Interpret the codes of ethics for the criminal justice system.

02.02 Apply standards of professionalism in the criminal justice system.

02.03 Define discrimination.

02.04 Define sexual harassment.

03.0 Discuss constitutional and criminal laws at the federal, state, and local levels–The student will be able to:

03.01 Discuss how political, moral, and economic concerns lead to the development of laws.

03.02 Identify constitutional law as it applies to the criminal justice system.

03.03 Distinguish between state and federal laws.

03.04 Differentiate between, and identify elements of, civil and criminal law.

03.05 Discuss the impact of local ordinances.

03.06 Describe criminal law procedures in Florida.

04.0 Describe court systems and trial processes–The student will be able to:

04.01	Describe the federal court system as it applies to the criminal justice system.
04.02	Describe the Florida court system as it applies to the criminal justice system.
04.03	Describe the pretrial, trial, and post-trial processes.
04.04	Describe the roles and responsibilities of the people involved in the trial processes.
04.05	Describe the warrant and summons processes.
04.06	Explain how to notify witnesses and defendants of court schedules.
04.07	Demonstrate courtroom demeanor and participate in a mock trial.
05.0	Discuss the juvenile justice system–The student will be able to:
05.01	Identify the programs and agencies within the juvenile justice system and their roles and responsibilities.
05.02	Identify law enforcement procedures related to juvenile delinquency.
05.03	Discuss Florida’s juvenile court system, including procedures and alternative programs.
05.04	Discuss the juvenile corrections system, including alternative programs.
05.05	Analyze current trends in juvenile justice.
06.0	Describe the correctional system–The student will be able to:
06.01	Describe the history of corrections.
06.02	Differentiate between local, state, and federal correctional systems.
06.03	Compare and contrast different types of prison- and community-based programs.
06.04	Identify major correctional operations procedures and programs.
06.05	Debate legal issues concerning the rights of inmates and the duties and responsibilities of correctional officers.
06.06	Analyze current trends in correctional reform, including privatization.
06.07	Identify the unique interpersonal skills required in communicating with inmates.
07.0	Utilize personal, interpersonal, and communication skills–The student will be able to:
07.01	Follow directions.
07.02	Display integrity, loyalty, dependability, and punctuality.

07.03	Identify and apply strategies for showing compassion and working well with others.
07.04	Create and demonstrate responsible ways of dealing with criticism.
07.05	Identify personal stressors and evaluate methods for resolution.
07.06	Describe safe and responsible ways of responding to expressions of hostility or threats, including the use of security procedures and systems.
07.07	Identify and plan solutions for situations that require crisis management and conflict resolution.
07.08	Use telecommunications to relay messages in a courteous, respectful way.
07.09	Explain the purpose the use of communication codes and the phonetic alphabet.
07.10	Describe the different types of communication equipment and identify protocols for their use.
07.11	Identify interviewing techniques used with witnesses and victims.
08.0	Demonstrate employability skills–The student will be able to:
08.01	Identify sources of information regarding employment opportunities in criminal justice operations.
08.02	Identify advanced career options and training opportunities in the criminal justice profession.
08.03	Conduct a job search and identify the training, experience, and other qualifications required for different positions.
08.04	Identify the interpersonal skills, work habits, and ethics necessary for ongoing employment in an environment of human diversity.
08.05	Identify health and grooming habits that facilitate positive interactions with individuals and ongoing employment in criminal justice operations.
08.06	Secure information about a particular job.
08.07	Complete a job resume.
08.08	Complete a job application.
08.09	Apply effective job interview techniques.
08.10	Describe how to make job changes appropriately.
09.0	Describe and demonstrate characteristics and procedures of patrol–The student will be able to:
09.01	State main duties and responsibilities of patrol officers.
09.02	Identify different patrol types and zones and evaluate the advantages and disadvantages of each.
09.03	Demonstrate defensive driving techniques (optional).

09.04	Read and interpret a map.
09.05	Analyze current trends in community-oriented policing.
09.06	Define COMPSTAT as it related to Community Policing.
09.07	Identify and describe procedures for dealing with domestic violence, including abuse and neglect.
09.08	Describe procedures for identifying, handling, and referring people who exhibit signs of mental illness.
09.09	Identify different patrol techniques.
09.10	Describe and demonstrate a traffic stop.
09.11	Describe and demonstrate the inspection of a vehicle and equipment.
09.12	Describe how to establish rapport with a citizen.
09.13	Describe interview tactics with cooperative and uncooperative witnesses.
10.0	Describe crime prevention programs and demonstrate their development and implementation–The student will be able to:
10.01	Identify community crime prevention programs.
10.02	Describe how to develop and implement school and community crime prevention programs.
10.03	Identify the concepts involved with Crime Prevention through Environmental Design (CPTED).
10.04	Identify and discuss local crime prevention programs and opportunities for participation.
10.05	Describe the importance and possible uses of crime analysis information.
10.06	Conduct a security survey.
11.0	Prepare written reports–The student will be able to:
11.01	Identify the who-what-when-where-why-how elements of a report.
11.02	Describe the purpose of different types of reports.
11.03	Create a factual report with accuracy, completeness, conciseness, objectivity, and clarity and use proper grammar, spelling, punctuation, and legibility.
11.04	Identify and locate state statutes as they pertain to situations being reported.
11.05	Define and write a probable-cause affidavit.
12.0	Describe and demonstrate traffic control procedures–The student will be able to:

12.01	Define a Traffic Control Officer as stated in s. 316.640(4)(a), Florida Statutes.
12.02	List the qualifications of a traffic control officer (TCO).
12.03	Explain the responsibilities of a traffic control officer.
12.04	List the limitations of a traffic control officer are not authorized to include: <ul style="list-style-type: none"> A. carry a firearm or any other weapon B. write any citations C. make any arrests D. conduct any investigations
12.05	Define “traffic control devices” according to s. 316.003 (23), F.S.
12.06	Define “traffic signals” according to s. 316.003(24), F.S.
12.07	Describe the main objectives of traffic direction and control to include: <ul style="list-style-type: none"> A. increase safety B. increase traffic flow C. divert traffic flow
12.08	List methods for controlling traffic to include: <ul style="list-style-type: none"> A. Deployment of traffic control devices B. Direction by an officer C. Manual control of traffic signals following agency policies and procedures.
12.09	Identify when traffic direction and control are applicable pursuant to agency protocol to include: <ul style="list-style-type: none"> A. rush hours B. traffic light failures C. vehicle crashes D. special events E. major disasters F. missing or absent traffic control devices G. funeral procession or dignitary motorcade H. cooperation with other public service agency
12.10	List equipment available to an officer for use in directing traffic: <ul style="list-style-type: none"> A. Whistle B. high visibility glove C. lighted baton D. reflective slip-over vest E. barricades or cones F. flares, electronic markers, or chemical lightsticks G. variable message boards, including arrow boards

12.11	Evaluate a traffic situation before intervening to direct traffic to include: A. Determine if intervention is necessary. B. Consider the safety of the officer and the public. C. Maintain traffic flow or divert traffic.
12.12	Identify factors that should be considered when planning to direct traffic to include: A. Determine how to improve the traffic situation before entering the roadway. B. Assess whether additional officers and/or resources are needed. C. Decide where to stand in the roadway.
12.13	List the safety precautions that an officer should follow when directing traffic to include: A. Always check safety measures; be alert and ready to move out of the way of a vehicle. B. Never move without making sure it is safe. C. Never permit vehicles or pedestrians to start from a stopped position until approaching traffic is stopped.
12.14	Identify the correct place that an officer should stand while directing traffic. A. List basic conduct for officers directing traffic to include: B. Engage the attention of drivers at all times. 1) Make eye contact with a stopped or stopping motorist. 2) Use hand signals, such as pointing, to gain a motorist's attention. C. Keep your hands free. D. Do not engage in idle conversation. E. Do not smoke. F. Do not twirl a chain or other objects. G. Do not use electronic devices such as cell phones.
12.15	Describe appropriate procedures when an emergency vehicle is approaching an intersection where an officer is directing traffic to include: A. Stop traffic in all directions. B. Clear a path for the emergency vehicle if needed. C. Wave the emergency vehicle through the intersection. D. Communicate with a supervisor when circumstances are beyond the duties of a TCO.
12.16	Explain why voice commands are seldom used in directing traffic to include: A. Verbal directions are not easy for drivers to hear or understand. B. Voice commands might be misinterpreted by motorist or pedestrian. C. Words may antagonize motorist or pedestrian.
12.17	List procedures to follow if voice commands must be used to include: A. Move reasonably close to the pedestrian or driver. B. Be polite and brief. C. Address as miss, ma'am, or sir. D. Do not lose your temper.
12.18	List procedures to follow when assisting pedestrians across the street including: A. Be firm but polite. B. Verbally direct pedestrians.

	<ul style="list-style-type: none"> C. Do not permit crossing until it is safe. D. Take extra caution with children, the elderly, or persons with disabilities.
12.19	<p>Describe the various whistle signals to get the attention of the driver or pedestrian including:</p> <ul style="list-style-type: none"> A. one long blast for the vehicle to stop B. two short blasts for the vehicle to go C. several short blasts to get the attention of a driver or pedestrian who does not respond to a hand signal
12.20	<p>List the various hand signals used in conjunction with the whistle signals to include:</p> <ul style="list-style-type: none"> A. stop B. turn right C. turn left D. start E. keep moving F. resume traffic signal control
12.21	Demonstrate the various hand signals used in conjunction with the whistle signals.
12.22	Demonstrate the proper use of an illuminated baton and a flashlight with traffic wand attached.
12.23	Describe how to use a flare safely, including lighting the flare, positioning it, and extinguishing it.
12.24	Demonstrate how to safely light a flare, position it, and extinguish it.
12.25	Demonstrate how to activate a chemical light stick.
13.0	Describe and demonstrate parking enforcement procedures – the student will be able to:
13.01	Define the importance of understanding Florida State Statutes, violations, and enforcement concerns surrounding the Parking Enforcement Specialist position.
13.02	<p>State what parking statutes are in Florida Statute 316, to include:</p> <ul style="list-style-type: none"> A. Definitions as defined in (316.003). B. Define jurisdiction as explained in (316.006). C. Define powers of local authorities as explained in (316.008). D. Stopping, standing or parking outside of municipalities (316.194) E. Stopping, standing or parking prohibited in specified places (316.1945) F. Additional parking regulations (316.195) G. Parking for certain purposes prohibited (316.1951) H. Parking spaces for persons with have disabilities (316.1955) I. Parking violations; designated parking spaces for person with disabilities (316.1957) J. Out-of-state vehicles bearing identification of issuance to persons who have disabilities (316.1958) K. Handicap parking enforcement (316.1959) L. Exemption of vehicles according to (316.1964). M. Parking near rural mailbox during certain hours; penalties (316.1965) N. Liability for payment of parking ticket violations and other parking violations (316.1967) O. Obstruction of public streets, highways, and roads (316.2045)

- P. Leaving children unattended or unsupervised in motor vehicle; penalties; Authority of Law Enforcement Officer (316.6135)
- Q. Enforcement (316.640).
- R. Disposition of fines and forfeitures collected for violations (316.660)
- S. Amount of penalties (316.18(6)).
- T. Jurisdiction and procedure for parking infractions (318.325)
- U. Definitions; general (320.01)
- V. Free motor vehicle license plate to certain disabled veterans (320.084(5))
- W. Free motor vehicle license plates to veterans who use wheelchairs (320.0842)
- X. License plates for persons with disabilities eligible for permanent disabled parking permits (320.0843)
- Y. License plates for members of Paralyzed Veterans of America (320.0845)
- Z. Persons who have disabilities; issuance of disabled parking permits; temporary permits; permits for certain providers of transportation services to persons who have disabilities (320.0848)
- AA. Electric vehicle charging stations (366.94(3)).
- BB. Parking spaces for persons who have disabilities (553.5041).
- CC. Assault and battery on law enforcement (784.07(2)).
- DD. Cruelty to animals (828.12(1)).
- EE. Local animal control or cruelty ordinances (828.27).
- FF. Resisting officer with violence (843.01).
- GG. Resisting officer without violence (843.02).

13.03 State that Parking Enforcement Specialists get their authority and responsibilities from Florida Statute §316.640.

13.04 List the qualifications and limitations of a Parking Enforcement Specialist.

13.05 Explain how local ordinances affect operating procedures and vary by agency.

13.06 Explain how the State and national computer systems are used to obtain vehicle identification data, if required.

13.07 Define how the approved legal process regarding parking citations, the role to take when providing testimony, and documentation preparation and presentation for court, if required.

13.08 Identify the importance of professional demeanor and behavior while in court.

13.09 Identify appropriate body language, posture, and physical appearance while in court.

13.10 Identify proper speech and phrasing of answers when giving testimony.

13.11 Identify the purpose of taking an oath before court testimony begins.

13.12 Identify the importance of familiarization with and use of all evidence, reports, and exhibits.

13.13 Identify possible objections raised during court testimony.

13.14 Define how to maintain safety and awareness of the surroundings and weather conditions encountered when enforcing parking.

13.15 Describe how to maneuver enforcement vehicle around parked vehicles, moving traffic, and road hazards safely when enforcing parking.

13.16	Demonstrate how to maneuver safely around parked vehicles, moving traffic, and road hazards while enforcing parking on foot.
13.17	Define safety and awareness guidelines that Parking Enforcement Specialists need to adhere to when interacting with the public to avoid potential safety concerns.
13.18	Describe the importance of an informational briefing.
13.19	Retrieve and test the work equipment that is necessary to perform parking enforcement duties in the field to include vehicle equipment, electronic equipment, and communication equipment.
13.20	Operate agency-specified communication equipment with care per agency-specific policies and standard operating procedures. NOTE: If the agency uses 2-way radios, it needs to be discussed. Review proper radio procedures and the radio codes used by the agency.
13.21	Identify various paid parking systems and types of permitted parking utilized in an assigned work area.
13.22	Utilize or describe what a license plate recognition system device to monitor parking compliance and violations, if equipped.
13.23	Patrol the assigned area to issue citations appropriately for parking violations.
13.24	Define any scofflaw violations with the appropriate resource.
13.25	Describe how to photograph the violation, if applicable.
13.26	Input the appropriate observed violation onto the citation correctly.
13.27	Describe the proper agency-specified steps to issue a parking citation.
13.28	Describe the appropriate agency-specific policies and standard operating procedures for confiscating a disabled placard.
13.29	Describe what resources or information are available in relation to inquiries from the public.
13.30	Provide information to individuals in connection with a citation that they received for a parking violation.
13.31	Identify officious and oppressive manners, disrespectful attitudes, and negative body language from others as factors that can indicate a negative response.
13.32	Identify guidelines that help improve interpersonal skills necessary for Parking Enforcement Specialists to perform their job effectively in a diverse population.
13.33	Describe how medical conditions can affect an individual's attitudes or behavior.
14.0	Describe the use-of-force guidelines as it applies to Federal, State, and local laws and physical proficiency skills–The student will be able to:
14.01	Describe the totality of circumstances as it relates to: A. Subject resistance B. Situational Factors C. Justification D. Officer Response

14.02	Describe legal issues pertaining to objective reasonableness as it pertains to the use of force that include Tennessee v. Garner and Graham v. Conner cases.
14.03	Identify potential weapons.
14.04	Describe and demonstrate stop and frisk as it relates to Terry v. Ohio.
14.05	Demonstrate defensive tactics as described in the Criminal Justice Standards and Training Commission's (CJSTC's) Defensive Tactics Basic Recruit Performance Evaluation. (optional)
14.06	Demonstrate weapon safety and familiarization. (optional)
14.07	Describe the four elements of arrest.
14.08	Describe and demonstrate behaviors of physical wellness according to an individual's abilities.
15.0	Demonstrate safety precautions, first aid, and cardiopulmonary resuscitation (CPR)–The student will be able to:
15.01	Identify the four classes of fires and the extinguishing agents for each.
15.02	Identify electrical hazards, hazardous materials, and life threatening situations.
15.03	Evaluate different types of carriers and techniques for removing an unconscious or disabled victim from a dangerous situation.
15.04	Apply basic first aid techniques.
15.05	Demonstrate mastery of CPR.
16.0	Describe procedures to prevent the transmission of sexually transmitted diseases, including AIDS and blood-borne pathogens–The student will be able to:
16.01	Distinguish between fact and fallacy about the transmission and treatment of diseases caused by blood-borne pathogens.
16.02	Identify community resources and services available to individuals with diseases caused by blood-borne pathogens.
16.03	Identify “at-risk” behaviors that promote the spread of AIDS and the public education necessary to combat the spread of diseases caused by blood-borne pathogens.
16.04	Apply infection control techniques designed to prevent the spread of diseases caused by blood-borne pathogens used in the care of all patients following Center for Disease Control (CDC) guidelines.
16.05	Explain the legal aspects of AIDS, including testing.
17.0	Discuss crime scene safety–The student will be able to:
17.01	Describe “Right –to-Know” Law as recorded in (29CFR-1910.1200).
17.02	Discuss the potential health and safety hazards one could encounter at a crime scene.
17.03	Demonstrate skills and techniques to minimize risk to self and others at the crime scene.

17.04	Discuss state and federal regulations regarding hazardous materials as related to crime scenes.
17.05	Discuss emergency procedures involving personal risk in a crime scene situation.
17.06	Identify and explain the use of protective equipment for crime scene processing.
18.0	Describe and demonstrate criminal investigation procedures–The student will be able to:
18.01	State the purpose and types of investigations.
18.02	Describe the responsibilities of law enforcement officers at the crime scene.
18.03	Describe the role of evidence in investigations.
18.04	Describe crime scene investigation procedures.
18.05	Secure and preserve a mock crime scene.
18.06	Photograph a mock crime scene and the evidence.
18.07	Take measurements at a mock crime scene.
18.08	Record facts about crime using recording equipment and note taking.
18.09	Sketch a mock crime scene.
18.10	Assist in identifying, handling, preserving, collecting, recording, and storing mock evidence.
18.11	Create a cast of an impression using Plaster of Paris or other material to create a 3-D impression. (optional)
18.12	Process a mock crime scene for fingerprints.
18.13	Describe the chain of custody of evidence.
18.14	Identify different search methods.
18.15	Describe effective interview skills and techniques for obtaining information from witnesses and victims in an investigation.
18.16	Describe when subpoenas should and should not be used for witnesses.
18.17	Describe Miranda warning requirements in suspect interviews.
18.18	Describe how to show witnesses photos of suspects for identification.
18.19	Describe how to prepare for court testimony.
19.0	Describe and/or demonstrate forensic science tasks, such as fingerprinting, crime laboratory examination, and forensic photography–The student will be able to:

19.01	Roll fingerprints.
19.02	Identify focal points.
19.03	Identify fingerprint patterns and discuss the importance of the Automated Fingerprint Identification System (AFIS).
19.04	Lift and record latent prints.
19.05	Describe blood-type identification procedures and DNA profiling.
19.06	Describe hair and fiber examination procedures.
19.07	Describe broken glass examination procedures.
19.08	Identify basic photo laboratory procedures and take photographs.
19.09	Explain the capabilities of a full-service crime lab.
19.10	Explain the Henry Modified system of fingerprint classification.
20.0	Explain and demonstrate property control procedures–The student will be able to:
20.01	Classify, identify, and mark property.
20.02	Match properties with reports.
20.03	Describe storage and control of evidence, property, and supplies.
20.04	Describe issuance, maintenance, and inventory of department equipment and supplies, and corresponding computer applications for property control.
21.0	Explain and demonstrate a traffic crash investigation–The student will be able to:
21.01	Conduct a traffic accident investigation.
21.02	Complete a DHMSV traffic crash report form to include completing a proper diagram.
22.0	Demonstrate computer literacy–The student will be able to:
22.01	Use the computer as a tool for the special applications associated with the criminal justice system including but not limited to Crime Scene Sketch using CAD or other computer software program. (optional)
22.02	Access databases for information.
22.03	Access a computer program for career selection and postsecondary education opportunities.
22.04	Use electronic spreadsheets for keeping track of data as applicable to the criminal justice system.
22.05	Use a word processor as applicable in specific criminal justice occupations.

23.0	Apply job related math skills--The student will be able to:
23.01	Produce a graph, chart, or table associated with the Criminal Justice System.
23.02	Perform arithmetic operations for whole numbers, fractions, and decimals including counting, adding, subtracting, multiplying, and dividing.
23.03	Measure time, temperature, distance, capacity, and mass/weight.
23.04	Make estimations and approximations and judge the reasonableness of the result.
24.0	Demonstrate an awareness of cultural diversity--The student will be able to:
24.01	Identify factors that may affect human relations in criminal justice operations with culturally diverse communities.
24.02	Identify methods of communication that may enhance human relations with culturally diverse communities.
25.0	State the authority of the TCI as outlined in chapter 316.640, F.S--The student will be able to
25.01	Explain the TCI's role.
25.02	Explain ethics and professionalism.
25.03	Comprehend the responsibilities of TCIs with regard to providing information and assistance to victims and witnesses of crimes.
26.0	List the procedures of traffic crash scene management--The student will be able to:
26.01	Plan a prompt arrival to a service call with accurate geographic or zone orientation.
26.02	Describe the best location to park a patrol car to aid in protecting the integrity of the crash scene.
26.03	Evaluate the road, other vehicles, and environmental conditions for ongoing assessment.
26.04	Recognize elements to physically manage a traffic crash scene.
26.05	Describe how to evaluate the crash scene for potential hazards.
26.06	Describe types of personal protective equipment traffic crash investigators use during a crash scene investigation.
26.07	Describe how to evaluate the medical response needed at the crash scene.
27.0	Describe how to properly execute scene management--The student will be able to:
27.01	Determine if a crash occurred.
27.02	Recognize special considerations to determine the need for additional units.
27.03	Describe the importance of continually assessing the scene for possible hazards.

27.04	Recognize and describe indicators of impaired drivers.
27.05	Identify a person who may be driving under the influence (DUI).
27.06	Locate elements and evidence at a crash scene that can be used to determine the movement of vehicles and sequence of events.
27.07	Identify the penalties for giving false information.
27.08	Explain how to respond to inquiries with correct information from a variety of sources.
27.09	Recognize when crash report information is privileged or confidential.
28.0	List the basic principles of traffic crash investigation--The student will be able to:
28.01	Recognize elements of an investigation as part of the phases: pre-collision, at-collision, and post-collision.
28.02	Describe the efficient use of field notes.
28.03	Distinguish between a witness and an independent witness.
28.04	Describe the most efficient manner in which to interview witnesses.
28.05	Identify issues affecting the process of taking statements from witnesses and involved parties.
28.06	Describe different methods and practices to obtain statements.
28.07	Identify essential documents that traffic crash investigators must gather from people involved in a vehicle crash.
29.0	Determining the causation of a Crash--The student will be able to:
29.01	Describe roadway characteristics that may contribute to a crash.
29.02	Define what the area of collision is.
29.03	Define common terms used during a traffic crash investigation.
29.04	Define transitory and non-transitory types of evidence that should be collected on the scene.
29.05	Define indicators of a crash to include a vehicle's physical features, marks on the road, and debris.
29.06	Explain the procedure for the measurement of skid marks.
29.07	Document evidence through markings.
29.08	Describe the benefit of taking photographs prior to the detailed examination of a scene, and the disturbance of evidence.
29.09	Identify the information to be included in the field sketch and its purpose.

29.10	List the factors to consider when evaluating vehicular speed.
29.11	Determining how the crash occurred.
30.0	Describe and demonstrate how to complete the on-site Crash Investigation--The student will be able to:
30.01	Facilitate communication between parties to exchange drivers' information.
30.02	Determine fault for the crash, and issue the citation.
30.03	Complete a Uniform Traffic Citation when there is a violation of Florida Statutes 316, 318, 320 and/or 322.
30.04	Describe steps to clear the crash scene at the end of a vehicle crash investigation.
30.05	Describe how to determine when to have vehicles cleared from a crash scene.
30.06	Describe how to determine if a vehicle involved in a crash incident needs a tow truck.
31.0	Document and complete a report—The student will be able to:
31.01	Define the uses of a traffic crash report.
31.02	Identify the statutes governing crash reporting, and summarize the process to include: A. 316.061 Crashes involving damage to vehicle or property. B. 316.062 Duty to give information and render aid. C. 316.062 Duty upon damaging unattended vehicle or other property. D. 316.066 Written reports of crashes.
31.03	Identify statutes outlining special circumstances that may apply to crash reporting in the following statutes to include: A. 316.027 Crash involving death or personal injuries. B. 316.064 When driver unable to report. C. 316.065 Crashes; reports; penalties. D. 316.067 False reports. E. 316.068 Crash report forms. F. 316.070 Exchange of information at scene of crash. G. 316.193 Driving under the influence; penalties. H. 316.1932 Tests for alcohol, chemical substances, or controlled substances; implied consent; refusal. I. 316.1933 Blood test for impairment or intoxication in cases of death or serious bodily injury; right to use reasonable force.
31.04	Locate essential definitions common to the job duties of a traffic crash investigator found in Florida Statutes 316.003, and Department of Highway Safety and Motor Vehicles (DHSMV) Traffic Crash Report Manual.
31.05	Identify basic terms related to injuries and their definitions found in statute 316.1933(1)(b).
31.06	Identify the crash report form as a standardized means for storing crash-related information.
31.07	Estimate the dollar amount of damages to vehicles and/or other property.

31.08	Identify events that are the causes or contributory causes of a crash.
31.09	Recognize that the information between the written narrative and a diagram regarding a crash scene need to match.
31.10	Describe the use of diagramming as a means to document information regarding a crash scene investigation.
31.11	List the essential items that officers should include on a crash diagram.
31.12	Complete a Traffic Diagram Template to create the hand-drawn diagram.
31.13	Identify the role of the traffic crash investigator in recommending a driver's license reexamination.
32.0	Describe courtroom demeanor and testimony—The student will be able to:
32.01	<p>Define the following legal definitions relative to the traffic crash investigation:</p> <ul style="list-style-type: none"> A. admission: a confession, settlement, or acknowledgement made by a party which could be offered against that party in court [F.S. 90.803(18)] B. arrest: to legally deprive a person of liberty or freedom to go as one chooses, or taking a person into custody to be held to answer for a crime C. contraband: goods, property, or other things possessed in violation of the law D. deposition: a form of pretrial discovery, in which the witness is placed under oath and must answer questions asked by an attorney; may be transcribed for use in impeaching the witness at trial or, in special cases, to perpetuate testimony E. duces tecum: (“bring with you”) a type of subpoena which requires the witness to bring specified documents or other evidence F. evidence: proof of allegations at issue between parties which may be direct, indirect, substantive, intrinsic, original, or derivative G. felony: a criminal offense committed within a state in which the maximum penalty is death or incarceration in a state correctional facility for a period exceeding one year H. FCIC/NCIC: Florida Crime Information Center (FCIC)/National Crime Information Center (NCIC) (misuse of a secure database is a criminal offense) I. forfeiture: the loss of some right or property as a penalty for some illegal act J. infraction: in Florida state courts, a non-criminal violation punishable by no other penalty than a fine, forfeiture or other civil penalty [F.S. 775.08(3)] K. jurisdiction: the territorial range over which an authority extends L. jury: a body of citizens sworn to deliver a true verdict upon evidence submitted to them in a trial M. misdemeanor: in Florida state courts, any criminal offense punishable by a term of imprisonment in a county correctional facility (jail) not in excess of one year; does not include any violation of municipal or county ordinance [F.S. 775.02(2)] N. ordinance: a law, statute, or legislative enactment, particularly the legislative enactments or statutes of a municipal corporation O. probable cause: reasonable grounds for suspicion, supported by circumstance sufficiently strong to warrant a cautious person to believe that an accused individual is guilty of the offense with which he or she is charged P. reasonable doubt: a doubt based on reason regarding an element of the state's proof of a defendant's guilt Q. q) restitution: the restoring of monetary or non-monetary property to a victim for damage or loss caused directly or indirectly by the defendant R. search: an exploration or inspection of an individual's premises (such as a house, business, motel room), papers (business records, documents, etc.), effects (cars, luggage) or person

	<p>S. seizure: the act of taking possession of property, things, or persons, including evidence and contraband</p> <p>T. subpoena: a document issued under the authority of the court or statute, compelling attendance at a deposition, hearing, trial or other proceeding, which provides that the subpoenaed person is subject to penalty for failure to comply</p> <p>U. venue: the circuit or county in which a particular trial may be conducted</p> <p>V. witness: one who observes an incident or has knowledge of facts or information</p>
32.02	Define important elements of court preparation for the traffic crash investigator.
32.03	Explain the pretrial hearing responsibilities of the traffic crash investigator.
32.04	Explain the importance of depositions.
32.05	Identify appropriate demeanor and behavior when giving testimony or statements.
32.06	Describe some common tactics used by opposing counsel during cross-examination.
32.07	Identify techniques that the traffic crash investigator may use to counteract cross examination tactics used by the defense counsel.
33.0	Explain the community service officer's/police service aide's role, ethics, and professionalism--The student will be able to:
33.01	Explain the Community Service Officer's/Police Service Aide's role.
33.02	Explain ethics and professionalism.
34.0	Demonstrate patrol procedures--The student will be able to:
34.01	Use the telephone and police radio properly.
34.02	Recognize the symptoms of mental illness and retardation and notify the proper authorities.
34.03	Perform foot patrol and vehicular patrol and recognize police hazards.
34.04	Secure the necessary evidence, including the scientific tests and reports, in order to successfully prosecute impaired drivers.
34.05	Operate a vehicle according to National Safety Council standards.
35.0	Demonstrate investigative report writing skills--The student will be able to:
35.01	Comprehend the types and basic requisites of reports.
35.02	Identify the basic steps in writing a report.
35.03	Apply the fundamentals in writing a report.
36.0	Conduct preliminary property crime investigations--The student will be able to:
36.01	Apply proper methods of collecting, preserving, marking and transporting evidence.

36.02	Process surfaces for latent fingerprints.
36.03	Complete an evidence receipt, maintaining the chain of custody.
36.04	Describe procedures for investigating specific property crimes.
36.05	Demonstrate preliminary investigation of specific property crimes.
37.0	Participate in job shadowing/work based learning experiences–The student will be able to:
37.01	Demonstrate skills in the Criminal Justice setting as outlined in the Criminal Justice Operations program.
37.02	Complete appropriate shadowing experiences under the supervision of a duly licensed/certified Criminal Justice worker.
37.03	Exhibit behavior consistent with the professional ethics required of each of the Criminal Justice areas being studied.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Fire Investigator
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430202
CIP Number	0743020501
Grade Level	30,31
Standard Length	320 hours
Teacher Certification	FIRE FIGHT @7 7G
CTSO	N/A
SOC Codes (all applicable)	33-2021 Fire Inspectors and Investigators
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Financial Services/State Fire College for information regarding basic skills.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3)(b), F.S.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	FFP0660	Fire Investigator I	160 hours	33-2021
B	FFP0661	Fire Investigator II	160 hours	33-2021

Special Notes

The Fire Investigator is a restricted enrollment program. **Applicants must be certified law enforcement, fire fighter or fire inspector.**

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Demonstrate knowledge of classifications, controls, and applications of automatic sprinkler systems.
- 02.0 Demonstrate knowledge of inspection practices for fire protection systems.
- 03.0 Demonstrate knowledge of classifications, controls, and applications of portable fire extinguishers.
- 04.0 Demonstrate knowledge of water supply for sprinkler and standpipe systems.
- 05.0 Demonstrate knowledge of acceptance testing for fire protection systems.
- 06.0 Identify the appropriate certifications for fire extinguishers, hood systems, sprinkler systems, and alarm devices.
- 07.0 Demonstrate knowledge of various extinguishing agents.
- 08.0 Define types of building classifications and construction types.
- 09.0 Define various loads and forces that affect buildings.
- 10.0 Demonstrate knowledge of various types of building construction and their effect on fire propagation, smoke generation, and control.
- 11.0 Define the characteristics of various building materials, with particular regard to fire resistance.
- 12.0 Define the characteristics of various building types and occupancies, with particular regard to fire load and resistance.
- 13.0 Describe principles of fire resistance, fire growth, and the behavior of fire and smoke in buildings.
- 14.0 Demonstrate knowledge of features of matter and energy.
- 15.0 Demonstrate knowledge of the principles of chemical reaction: oxidation, reduction, and combustion.
- 16.0 Demonstrate knowledge of the fire tetrahedron and principles of extinguishment.
- 17.0 Demonstrate knowledge of common elements such as oxygen, hydrogen, fluorine, chlorine, bromine, phosphorus, sulfur, and carbon.
- 18.0 Demonstrate knowledge of corrosive materials, i.e. acids and bases.
- 19.0 Demonstrate knowledge of path of travel of fire, heat, and smoke.
- 20.0 Demonstrate knowledge of the role and responsibilities of the fire investigator.
- 21.0 Demonstrate the ability to differentiate between accidental and incendiary fire causes.
- 22.0 Demonstrate the ability to recognize and report indicators of the point of origin of a fire.
- 23.0 Explain the rule of law as it pertains to arrest, search and seizure procedures and their application to fire investigations.
- 24.0 Recognize and interpret fire scenes common to various types of fires.
- 25.0 Describe the chemistry of combustion and the relationship of atoms, elements, compounds, and organic compounds on fire.
- 26.0 Explain the nature and behavior of fire including the effects of heat.
- 27.0 Explain and identify the combustion properties of liquids, gases and solid fuels.
- 28.0 Identify and explain electrical causes of fires.
- 29.0 List and explain the procedures for lifting fingerprints, evidence collection and preservation.
- 30.0 List and identify the make-up and use of incendiary devices, explosives, and bombs.
- 31.0 List the procedures for documenting fire scenes, including sketching, photography, and report writing.
- 32.0 Analyze fire-related deaths and injuries and describe methods of documentation.
- 33.0 Identify the techniques for interviewing and questioning suspects and subjects.
- 34.0 Explain the role of the fire investigator in courtroom proceedings including courtroom demeanor and testifying.
- 35.0 Identify and list the sources and technology available for fire investigations.
- 36.0 Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.

Florida Department of Education
Student Performance Standards

Program Title: Fire Investigator
PSAV Number: P430202

Course Number: FFP0660	
Occupational Completion Point: A	
Fire Investigator I – 160 Hours – SOC Codes 33-2021	
01.0	Demonstrate knowledge of classifications, controls, and applications of automatic sprinkler systems--The student will be able to:
01.01	List and define the classes of automatic sprinkler systems.
01.02	Identify and describe major controls of automatic sprinkler systems.
01.03	Discuss proper installation and application of automatic sprinkler systems for different classes of occupancies.
02.0	Demonstrate knowledge of inspection practices for fire protection systems--The student will be able to:
02.01	Discuss legal requirements for fire protection system inspections.
02.02	Discuss testing of fire protection systems.
03.0	Demonstrate knowledge of classifications, controls, and applications of portable fire extinguishers--The student will be able to:
03.01	List and define the classes of portable fire extinguishers.
03.02	Identify and describe major controls of portable fire extinguishers.
03.03	Discuss proper installation and application of portable fire extinguishers for different classes of occupancies.
04.0	Demonstrate knowledge of water supply for sprinkler and standpipe systems--The student will be able to:
04.01	Identify the major parts of sprinkler systems.
04.02	Identify the major parts of standpipe systems.
04.03	Discuss the use of sprinkler systems in fire suppression tactics of fire departments.
04.04	Discuss the use of standpipe systems in fire suppression tactics of fire departments.
04.05	Discuss the water supply system for sprinklers.
04.06	Discuss the water supply system for standpipes.

05.0	Demonstrate knowledge of acceptance testing for fire protection systems--The student will be able to:
05.01	Define acceptance testing.
05.02	Define compliance testing.
05.03	Discuss acceptance testing procedures for fire protection systems.
06.0	Identify the appropriate certifications for fire extinguishers, hood systems, sprinkler systems, and alarm devices--The student will be able to:
06.01	Identify the certification procedures for portable fire extinguishers.
06.02	Identify the certification procedures for hood systems.
06.03	Identify the certification procedures for sprinkler systems.
06.04	Identify the certification procedures for fire alarm systems.
06.05	Express final sentiments.
06.06	Evaluate the program.
07.0	Demonstrate knowledge of various extinguishing agents--The student will be able to:
07.01	Discuss the properties of water as a fire extinguishing agent.
07.02	Discuss the properties of dry chemical as a fire extinguishing agent.
07.03	Discuss the properties of carbon dioxide as a fire extinguishing agent.
07.04	Discuss the properties of foam as a fire extinguishing agent.
07.05	Discuss the properties of halon as a fire extinguishing agent.
07.06	Discuss the properties of water as a fire extinguishing agent.
08.0	Define types of building classifications and construction types--The student will be able to:
08.01	Define and describe the characteristics of single-family residential construction.
08.02	Define and describe the characteristics of multi-family residential construction.
08.03	Define and describe the characteristics of light commercial construction.
08.04	Define and describe the characteristics of heavy commercial construction.
08.05	Define and describe the characteristics of industrial construction.

08.06	Define and describe the characteristics of single-family residential construction.
09.0	Define various loads and forces that affect buildings--The student will be able to:
09.01	Define (a) vertical load, (b) sheer load, (c) torsional load, (d) compressive load, (e) tension load, (f) static load, (g) live load, and (h) fire load.
09.02	Define wind pressure.
09.03	Discuss windstorm provisions of building codes.
09.04	Define (a) vertical load, (b) sheer load, (c) torsional load, (d) compressive load, (e) tension load, (f) static load, (g) live load, and (h) fire load.
10.0	Demonstrate knowledge of various types of building construction and their effect on fire propagation, smoke generation, and control--The student will be able to:
10.01	Define fire propagation.
10.02	Define smoke generation.
10.03	Define fire control.
10.04	Define balloon construction.
10.05	Define tilt-slab construction.
10.06	Define post-and-lintel construction.
10.07	Given a particular occupancy, discuss the likely development of a fire within that type of construction.
11.0	Define the characteristics of various building materials, with particular regard to fire resistance--The student will be able to:
11.01	Discuss the fire resistance characteristics of wood frame construction.
11.02	Discuss the fire resistance characteristics of metal frame construction.
11.03	Discuss the fire resistance characteristics of masonry construction.
11.04	Discuss the fire resistance characteristics of concrete construction.
12.0	Define the characteristics of various building types and occupancies, with particular regard to fire load and resistance--The student will be able to:
12.01	Define and describe fire load and resistance in assembly occupancies.
12.02	Define and describe fire load and resistance in educational occupancies.
12.03	Define and describe fire load and resistance in health care occupancies.

12.04	Define and describe fire load and resistance in detention and correctional occupancies.
12.05	Define and describe fire load and resistance in residential occupancies.
12.06	Define and describe fire load and resistance in mercantile occupancies.
12.07	Define and describe fire load and resistance in business occupancies.
12.08	Define and describe fire load and resistance in industrial occupancies.
12.09	Define and describe fire load and resistance in storage occupancies.
13.0	Describe principles of fire resistance, fire growth, and the behavior of fire and smoke in buildings--The student will be able to:
13.01	Define fire resistance.
13.02	Define fire growth.
13.03	Define fire spread.
13.04	Define smoke propagation.
14.0	Demonstrate knowledge of features of matter and energy--The student will be able to:
14.01	Define the physical properties of matter.
14.02	Define the physical properties of energy.
15.0	Demonstrate knowledge of the principles of chemical reaction: oxidation, reduction, and combustion--The student will be able to:
15.01	Define oxidation.
15.02	Define reduction.
15.03	Define combustion.
16.0	Demonstrate knowledge of the fire tetrahedron and principles of extinguishment--The student will be able to:
16.01	List and define the four parts of the fire tetrahedron.
16.02	Discuss the principles of extinguishment.
17.0	Demonstrate knowledge of common elements such as oxygen, hydrogen, fluorine, chlorine, bromine, phosphorus, sulfur, and carbon--The student will be able to:
17.01	Define the properties of oxygen.
17.02	Define the properties of hydrogen.

17.03	Define the properties of fluorine.
17.04	Define the properties of chlorine.
17.05	Define the properties of bromine.
17.06	Define the properties of phosphorus.
17.07	Define the properties of sulfur.
17.08	Define the properties of carbon.
17.09	Define the properties of oxygen.
18.0	Demonstrate knowledge of corrosive materials, i.e. acids and bases--The student will be able to:
18.01	Define the physical properties of acids.
18.02	Define the physical properties of bases.
19.0	Demonstrate knowledge of the path of travel of fire, heat, and smoke--The student will be able to:
19.01	Describe the path of travel for gasses in a structure.
19.02	Describe the path of travel for heat and its three modes of transfer in a structure.
20.0	Demonstrate knowledge of the role and responsibilities of the fire investigator--The student will be able to:
20.01	Define the role of the fire investigator.
20.02	Discuss the responsibilities of the fire investigator in terms of state and national standards.
21.0	Demonstrate the ability to differentiate between accidental and incendiary fire causes--The student will be able to:
21.01	Define accidental fire causes.
21.02	Define incendiary fire causes.
22.0	Demonstrate the ability to recognize and report indicators of the point of origin of a fire--The student will be able to:
22.01	List indicators of the point of origin of a fire.
22.02	Identify point of origin indicators.

Course Number: FFP0661
Occupational Completion Point: B
Fire Investigator II – 160 Hours – SOC Codes 33-2021

- 23.0 Explain the rule of law as it pertains to arrest, search and seizure procedures and their application to fire investigations.
- 24.0 Recognize and interpret fire scenes common to various types of fires.
- 25.0 Describe the chemistry of combustion and the relationship of atoms, elements, compounds, and organic compounds on fire.
- 26.0 Explain the nature and behavior of fire including the effects of heat.
- 27.0 Explain and identify the combustion properties of liquids, gases and solid fuels.
- 28.0 Identify and explain electrical causes of fires.
- 29.0 List and explain the procedures for lifting fingerprints, evidence collection and preservation.
- 30.0 List and identify the make-up and use of incendiary devices, explosives, and bombs.
- 31.0 List the procedures for documenting fire scenes, including sketching, photography, and report writing.
- 32.0 Analyze fire-related deaths and injuries and describe methods of documentation.
- 33.0 Identify the techniques for interviewing and questioning suspects and subjects.
- 34.0 Explain the role of the fire investigator in courtroom proceedings including courtroom demeanor and testifying.
- 35.0 Identify and list the sources and technology available for fire investigations.
- 36.0 Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.

FFP 2630 Latent Investigation

- 01.0 Describe the proper procedure for fire death investigations.
- 02.0 Describe the proper procedure for fire injury investigations.
- 03.0 Describing the required reports for fire deaths and injuries investigations.
- 04.0 The student will demonstrate an understanding of motives for arson.
- 05.0 Describe the various motives for arson.

06.0	Describe the differences between at least three different motives for arson.
07.0	Describe arson for profit.
08.0	Describe an arson set.
09.0	Describe an arson device.
10.0	Explain the difference between arson sets and devices.
11.0	Identify the various types of explosives.
12.0	Identify various types of chemical and hazardous materials.
13.0	Identify various types of fire related deaths and injuries.
14.0	Identify the various types of arson as a crime.
15.0	Identify safety issues.
16.0	Identify, examine and understand arson laws.
17.0	Identify the chain of evidence.
FSFC 407 Arson Investigation	
This course stresses effective crime scene work relative to fire investigation. Evidence preservation and collection, scene documentation, and investigator safety are main topics.	
NOTE: Prerequisite: FFP 2243 - Latent Investigation, and a State Certificate of Compliance, Fire Inspector Certification, or Certified Police Officer.	
FSFC 406 Post-Blast Investigation	
This course, following the model curriculum of the Federal Bureau of Investigation, covers crime scene procedures, laboratory procedures, chemical and physical components, and legal issues relative to bombing incidents.	
NOTE: This course is limited to certified investigators. Part of Fire Investigator II.	
01.0	Describe an arson scene involving an explosion.
02.0	Describe the procedures for investigating an explosion scene.
03.0	Describe how to preserve evidence during an explosion investigation.

04.0	Describe the legal issues relative to bombings.
05.0	Describe how a laboratory is used for investigating explosions.
06.0	Describe what the limitations of laboratories are.
07.0	Describe what equipment is used in a laboratory.
08.0	Describe explosive materials.
09.0	Describe the chemical components of explosive materials.
10.0	Describe the physical components of explosive materials.
11.0	The student will demonstrate an understanding of arson crime scenes involving explosions.
12.0	The student will demonstrate an understanding of laboratory procedures.
13.0	The student will demonstrate an understanding of the chemical and physical components of explosive materials.
FFP 2670 Legal Issues for Investigators	
NOTE: This is a restricted enrollment program. Applicants must be Certified Law Enforcement, Fire Fighter or Fire Inspector.	
01.0	The student will demonstrate an understanding of the Florida Statutes by:
01.01	Name the applicable State Statutes.
01.02	Describe the content of the State Statutes.
01.03	Describe the impact of State Statutes on arson investigations.
02.0	The student will demonstrate an understanding of preparing cases for trial by:
02.01	Describe how to prepare a case for trial.
02.02	Describe the stages of trials.
02.03	Describe arson investigators responsibility in trials.
03.0	The student will demonstrate an understanding of interview techniques by:
03.01	Describe and role playing appropriate interviewing techniques.
03.02	Describe suspect's rights during interviews.

03.03 Describe how to properly interview witnesses.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics 10, Language 10, and Reading 10. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Pump Operator
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430203
CIP Number	0743020302
Grade Level	30, 31
Standard Length	80 hours
Teacher Certification	FIRE FIGHT @7 7G PUB SERV 7 G
CTSO	N/A
SOC Codes (all applicable)	33-2011 Firefighters
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Financial Services/State Fire College for information regarding basic skills.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The program must be approved by the Division of State Fire Marshal, Bureau of Fire Standards and Training. Outcomes and Student Performance Standards in this program have been adapted from the National Fire Protection Association Standard for Fire Fighter Professional Qualifications (NFPA 1001) and the Standard for Fire Apparatus Driver/Operator Professional Qualifications (NFPA 1002), as regulated by the Florida Bureau of Fire Standards and Training through Chapter 633, F.S. and the State Fire Marshal Rules, Chapter 69A-37, Florida Administrative Code (F.A.C.).

The fire apparatus operator program content additionally includes, but is not limited to, an understanding of hydraulics and fluid dynamics, principles of fire department water supply, nomenclature and operations of fire apparatus, appliances, municipal and rural water systems, maintenance, and safety in operational procedures.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3)(b), F.S.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	FFP0360 (Includes FFP1301, FFP1302)	Fire Apparatus Operator	80 hours	33-2011

Special Notes

Visit the following website for additional information: <http://www.myfloridacfo.com/sfm/bfst/Standard/firestan.htm>

In field work involving the handling of equipment and performance of tasks under conditions considered hazardous, there shall be no less than one certified instructor for each six students, but in no case shall there be less than two certified instructors on the scene. The instructors shall be placed to oversee the safety and effectiveness of the training.”

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Demonstrate knowledge of fire department organization and procedures.
- 02.0 Use fire alarms and communications equipment.
- 03.0 Demonstrate knowledge of fire behavior.
- 04.0 Use portable fire extinguishers.
- 05.0 Personal protective equipment.
- 06.0 Demonstrate knowledge of fire apparatus.
- 07.0 Use forcible entry equipment.
- 08.0 Demonstrate ventilation practices.
- 09.0 Use ropes, tools, and equipment.
- 10.0 Demonstrate rescue procedures.
- 11.0 Demonstrate safety procedures.
- 12.0 Use ladders.
- 13.0 Use fire hose, nozzles, and appliances.
- 14.0 Use fire streams.
- 15.0 Use water supplies.
- 16.0 Use private fire protection systems.
- 17.0 Demonstrate salvage procedures.
- 18.0 Demonstrate overhaul procedures.
- 19.0 Demonstrate knowledge of the fundamentals of extinguishment.
- 20.0 Demonstrate knowledge of the effects of building construction on fire fighting.
- 21.0 Participate in controlled burning exercises.
- 22.0 Sexually transmitted diseases/emergency medical care.
- 23.0 Demonstrate proficiency in first responder to medical emergencies techniques.
- 24.0 Detect the presence of hazardous materials.
- 25.0 Collect hazardous materials.
- 26.0 Initiate protective action.
- 27.0 Initiate the notification process.
- 28.0 Fire prevention, public fire education, and fire cause determination.
- 29.0 Demonstrate knowledge of fire pump ratings.
- 30.0 Demonstrate knowledge of the relationship between flow and pressure.
- 31.0 Demonstrate knowledge of the Six rules of Hydraulics and Fireground Rules of Thumb.
- 32.0 Demonstrate knowledge of hydrant capacity, standpipes, and sprinklers.
- 33.0 Demonstrate knowledge of friction loss and nozzle reaction.
- 34.0 Demonstrate knowledge of relay pumping.
- 35.0 Demonstrate ability to perform basic hydraulic calculations given the required formulas.
- 36.0 Demonstrate ability to drive the following patterns: (a) serpentine, (b) alley dock, (c) opposite alley and, (d) diminishing clearance.
- 37.0 Demonstrate the ability to position an apparatus for hydrant hook-up and drafting.
- 38.0 Demonstrate the ability to recognize cavitation, water hammer, overheating, and unusual noises.

- 39.0 Demonstrate the ability to draft, tandem and relay pumping.
- 40.0 Demonstrate the ability to perform apparatus inspections, testing, and routine service functions.
- 41.0 Demonstrate knowledge of NFPA 1901 and applicable state laws and rules.
- 42.0 Demonstrate knowledge of single and multi-stage pumps, pump piping, and the pumping process.
- 43.0 Demonstrate knowledge of static, positive, and gravity water sources.
- 44.0 Demonstrate knowledge pressure control, priming devices, and cooling systems.
- 45.0 Demonstrate knowledge of emergency vehicle driving characteristics and defensive driving techniques.
- 46.0 Demonstrate knowledge of gauges and valves.

Florida Department of Education
Student Performance Standards

Program Title: Pump Operator
PSAV Number: P430203

Course Number: FFP0360 (Includes FFP1301, FFP1302)
Occupational Completion Point: A
Fire Apparatus Operator – 80 Hours – SOC Code 33-2011

01.0	Demonstrate knowledge of fire department organization, procedures and responsibilities--The student will be able to:
01.01	Describe the organization of the fire department.
01.02	Explain the Firefighter I's role as a member of the organization.
01.03	Explain the Firefighter II's role as a member of the organization.
01.04	Explain the responsibilities of the firefighter in assuming and transferring command within an incident management system.
01.05	Explain the mission of the fire service and of the local fire department.
01.06	Explain the function of a standard operating procedure.
01.07	Explain the fire department rules and regulations that apply to the position of firefighter.
01.08	Explain the basic components of incident management and the firefighter's role within the local incident management system.
01.09	Explain the role of other agencies that may respond to emergencies.
01.10	Describe the components of a member assistance program.
02.0	Use fire alarms and communications equipment--The student will be able to:
02.01	Define the procedure for a citizen to report a fire or other emergency.
02.02	Demonstrate action taken upon receipt of an alarm or report of an emergency.
02.03	Define the purpose and function of all alarm-receiving instruments and personnel-alerting equipment in the fire station.
02.04	Identify procedures required for receipt and processing of business and personal calls.
02.05	Define and demonstrate prescribed fire department radio procedures, including:
	a. Routine traffic,

	b. Emergency traffic,
	c. Emergency evacuation signals, and
02.06	Demonstrate both mobile and portable radio equipment.
03.0	Demonstrate knowledge of fire behavior--The student will be able to:
03.01	Define fire.
03.02	Define the fire triangle and tetrahedron.
03.03	Identify two chemical, mechanical, and electrical energy heat sources.
03.04	Recognize the following conditions and explain their associated hazards and appropriate actions:
	a. Incident fire
	b. Rollover
	c. Hot smoldering fire
	d. Flashover
	e. Steady state
	f. Back draft
03.05	Define the three methods of heat transfer.
03.06	Define the three physical stages of matter in which fuels are commonly found.
03.07	Define the hazard of finely divided fuels as they relate to the combustion process.
03.08	Define flash point, fire point, and ignition temperature.
03.09	Define concentrations of oxygen in air as it affects combustion and life safety.
03.10	Identify three products of combustion commonly found in structural fires that create a life hazard.
03.11	Define the following units of heat measurement:
	a. British Thermal Unit (BTU)
	b. Fahrenheit (°F)
	c. Celsius (°C)

	d. Calorie (C)
	03.12 Describe the process of thermal layering that occurs in structural fires and how to avoid disturbing the normal layering of heat.
04.0	Use portable fire extinguishers--The student will be able to:
	04.01 Identify the classification of types of fire as they relate to the use of portable extinguishers.
	04.02 Given a group of differing extinguishers, identify the appropriate extinguishers for the various classes of fire.
	04.03 Define the portable extinguisher rating system.
	04.04 Extinguish Class A and B fires using the appropriate portable fire extinguisher.
05.0	Personal protective equipment--The student will be able to:
	05.01 Demonstrate the use of self-contained breathing apparatus (SCBA) in conditions of obscured visibility.
	05.02 Identify the physical requirements of the wearer of the SCBA.
	05.03 Identify the limitations of the SCBA.
	05.04 Identify the safety features of all types of self-contained breathing apparatus.
	05.05 Demonstrate the function of each component of the SCBA.
	05.06 Demonstrate that the SCBA is in a safe condition for immediate use.
	05.07 Demonstrate and document routine maintenance for SCBA including inspection, cleaning and sanitizing.
	05.08 Demonstrate the use of SCBA in conditions of restricted space.
	05.09 Demonstrate the following emergency techniques to be used in the event of SCBA failure:
	a. Use of emergency bypass or purge-valve
	b. Conservation of air
	c. Breathing from the breathing tube or regulator in the event of a face piece failure
	05.10 Demonstrate techniques for maximizing the air capacity of an SCBA under work conditions.
	05.11 Demonstrate the replacement of an expended cylinder of an SCBA assembly with a full cylinder.
	05.12 Identify each of the following articles of protective equipment and describe their uses and limitations:
	a. Helmet (with shield)

	b. Hood
	c. Boots
	d. Gloves
	e. Turnout or bunker coat
	f. Turnout or bunker pants
	g. SCBA
	h. Personal Alert Safety System (PASS)
	i. Eye protection
05.13	Describe and demonstrate the care, inspection, and maintenance of each of the above items of protective equipment.
05.14	Demonstrate the donning and doffing of the personal protective equipment listed in 5.10.
05.15	Identify the hazardous environments requiring the use of respiratory protection.
05.16	Demonstrate donning self-contained breathing apparatus while wearing protective clothing.
05.17	Demonstrate rescue procedures for the following, without compromising the rescuer's respiratory protection:
	a. A firefighter with functioning respiratory protection
	b. A firefighter without functioning respiratory protection
	c. A civilian without respiratory protection
06.0	Demonstrate knowledge of fire apparatus--The student will be able to:
06.01	Identify the function of the following:
	a. Engine company
	b. Truck company
	c. Rescue/Squad company
06.02	Describe the functions of the following units:
	a. Pumper/Engine
	b. Aerial Apparatus

	c. Mobile Water Supply Apparatus/Tanker
	d. Wildland Fire Apparatus
	e. ARFF – Aircraft Rescue and Fire Fighting
06.03	Identify special equipment used in the following apparatus:
	a. Rescue
	b. Chemical
	c. Floodlight and power
	d. Air truck
07.0	Use forcible entry equipment--The student will be able to:
07.01	Identify the materials and construction features of door and window locking devices.
07.02	Identify the method and demonstrate procedures of through-the-lock entry for doors and windows.
07.03	Identify the method and procedure of properly cleaning, maintaining, and inspecting each type of forcible entry tool.
07.04	Identify and safely carry at least 1 of the following:
	a. Cutting tool
	b. Prying tool
	c. Pulling tool
	d. Striking tool
07.05	Identify the materials and construction features of doors, windows, and walls and the dangers associated with forcing entry through each.
07.06	Describe and demonstrate the procedures for forcing entry through at least three different types each of doors, windows, and walls.
07.07	Demonstrate opening various types of windows from inside and outside, with and without the use of fire department tools.
07.08	Demonstrate breaking window or door glass and removing obstruction.
08.0	Demonstrate ventilation practices--The student will be able to:
08.01	Define the principles of ventilation, and identify the advantages and effects of ventilation.
08.02	Identify the dangers present and precautions to be taken in performing ventilation.

08.03	Describe the advantages and disadvantages of the following types of ventilation: a. Vertical b. Horizontal c. Trench/strip d. Mechanical e. Mechanical pressurization f. Hydraulic
08.04	Describe the signs, causes, and effects of backdraft explosions.
08.05	Describe the methods or procedures used to prevent backdraft explosions.
08.06	Identify the tools and equipment used during ventilation and demonstrates their use.
08.07	Recognize the characteristics of, and list necessary precautions when, ventilating at least the following roof types:
	a. Flat
	b. Shed
	c. Pitched
	d. Arched
08.08	Demonstrate the integrity of a roof system by sounding.
08.09	Describe how the following factors are used to determine the integrity of a roof system:
	a. Construction
	b. Visual observation
	c. Elapsed time of fire
08.10	Define procedures for the types or ventilation referred to in 08.03.
09.0	Use ropes, tools, and equipment--The student will be able to:
09.01	When given the proper size and amount of rope, demonstrate tying a:
	a. Bowline knot
	b. Clove hitch
	c. Figure of eight on a bight
	d. Figure of eight follow through

e.	Figure of eight stopper knot
f.	Chimney hitch
g.	Becket or sheet bend
h.	Girth hitch
i.	Overhand safety knot
09.02	Using an approved knot, hoist any selected forcible entry tool, ground ladder, or appliance to a height of at least 20 feet (6m).
09.03	Demonstrate the techniques of inspecting, cleaning, maintaining, and storing rope.
09.04	Use a rope to tie ladders, hose, and other equipment so as to secure them to immovable objects.
09.05	Identify the reasons for placing a rope out of service.
09.06	Distinguish between life safety and utility ropes.
09.07	Using an approved knot, hoist any selected forcible entry tool, ground ladder, or appliance to a height of at least 20 feet (6m).
10.0	Demonstrate rescue procedures--The student will be able to:
10.01	Demonstrate the removal of injured persons from the immediate hazard by the use of carries, drags, and stretchers.
10.02	Define and demonstrate primary and secondary search procedures under fire conditions:
a.	With a rope or hose
b.	Without a rope or hose
10.03	Don a life safety harness that meets the requirements of NFPA 1983, Standard on Fire Service Life Safety Rope, Harnesses, and Hardware.
10.04	Inspect a life safety harness and identify the conditions that would require its removal from service.
10.05	Identify and demonstrate the use of the following rescue tools:
a.	Cribbing and shoring material
b.	Block and tackle
c.	Hydraulic devices
d.	Pneumatic devices
e.	Ratchet devices

10.06	Demonstrate the following evolutions, which may be required to extricate an entrapped victim of a motor vehicle crash by displacing:
a.	Vehicle roof
b.	Vehicle door
c.	Windshield
d.	Steering wheel
e.	Steering column and dashboard
f.	Cribbing and shoring material
11.0	Demonstrate safety procedures--The student will be able to:
11.01	Identify dangerous building conditions created by fire.
11.02	Demonstrate techniques for action when trapped or disoriented in a fire situation or a hostile environment.
11.03	Explain hazards related to electrical emergencies.
11.04	Demonstrate use of portable power plants, lights, cords, connectors, and ground fault interrupters (GFI).
11.05	Describe the responsibilities of a firefighter as required by NFPA 1500.
11.06	Demonstrate the procedures for shutting off the gas services to a building.
11.07	Demonstrate the procedures for shutting off electrical service to a building.
11.08	Describe the elements of a personal accountability system and demonstrate the application of the system at an incident.
11.09	Demonstrate the use of seat belts, noise barriers, and other safety equipment provided for protection while riding the apparatus.
11.10	Demonstrate safety procedures when mounting, dismounting, and operating around fire apparatus.
11.11	Identify a minimum of three common types of accidents or injuries, and their causes, that occur in the following locations:
a.	Fire ground
b.	Responding and returning
c.	Training
d.	Non-fire emergencies
e.	Other on-duty locations

11.12	Identify safety procedures for ensuring a safe station/facility environment.
11.13	Identify potential long-term consequences of exposure to products of combustion.
12.0	Use ladders--The student will be able to:
12.01	Identify and describe the use of the following types of ladders:
	a. Folding/attic
	b. Roof
	c. straight/wall
	d. Aerial ladders
12.02	Raise, position, and lower the following types of ground ladders:
	a. ft. single or wall ladder
	b. 24 ft. extension ladder
	c. 35 ft. extension ladder
	d. Attic/folding ladder
12.03	Demonstrate the deployment of a roof ladder on a pitched roof.
12.04	Climb the full length of each type of ground (and aerial, if available) ladder carrying fire fighting tools or equipment while ascending and descending.
12.05	Climb the full length of each type of ground (and aerial, if available) ladder and bring an "injured person" down the ladder.
12.06	Demonstrate the techniques of working from ground or aerial ladders with tools and appliances, with and without a safety harness.
12.07	Demonstrate the techniques of cleaning, inspecting and maintaining ladders.
13.0	Use fire hose, nozzles, and appliances--The student will be able to:
13.01	Identify the sizes, types, amounts, and use of hose as required to be carried on a pumper according to NFPA 1901.
13.01	Demonstrate the use of all nozzles, hose adapters, and hose appliances as required to be carried on a pumper according to NFPA 1901.
13.02	When given the necessary equipment and operating as an individual and as a member of a team, advance dry hose lines of two different sizes, both of which shall be 1 1/2 inch or larger, from a pumper:
	a. Into a structure

	b. Up a ladder to a second floor landing
	c. Up an inside stairway to an upper floor
	d. Up an outside stairway to an upper floor
	e. Down an inside stairway to a lower floor
	f. Down an outside stairway to a lower floor
	g. To an upper floor by hoisting.
13.03	When given the necessary equipment and operating as a member of a team, advance charged attack lines of two different sizes, both which shall be 1 1/2 inch or larger, from a pumper:
	a. Into a structure
	b. Up a ladder to a second floor landing
	c. Up an outside stairway to an upper floor
	d. Up an inside stairway to an upper floor
	e. Down an inside stairway to a lower floor
	f. Down an outside stairway to a lower floor
	g. To an upper floor by hoisting.
13.04	Demonstrate the techniques for cleaning fire hose, couplings, and nozzles; and inspecting for damage.
13.05	Demonstrate at least 3 different types of hose loads and finishes.
13.06	Demonstrate three types of hose rolls.
13.07	Demonstrate two types of hose carries.
13.08	Demonstrate coupling and uncoupling of fire hose.
13.09	Work from a ground ladder with a charged attack line, which shall be 1 1/2 inch or larger.
13.10	Demonstrate the methods for extending a hose line.
13.11	Demonstrate replacing a burst section of hose line.
13.12	Demonstrate a hand lay of 300 feet (90 m) of supply line 1 1/2 inch (65 mm) or larger from a pumper to a water source.
14.0	Use fire streams--The student will be able to:

14.01	Define a fire stream.
14.02	Demonstrate how to open and close a nozzle and how to adjust its stream pattern and flow setting, when applicable.
14.03	Define water hammer and at least one method for its prevention.
14.04	Define the following methods of water application:
	a. Direct
	b. Indirect
	c. Combination
14.05	Identify precautions to be followed while advancing hose lines to a fire.
14.06	Describe three observable results that are obtained when the proper application of a fire stream is accomplished.
14.07	Assemble and operate a foam fire stream arrangement given the appropriate equipment.
14.08	Demonstrate the methods for applying foam.
15.0	Use water supplies--The student will be able to:
15.01	Identify the water distribution system, and other water sources in the local community.
15.02	Identify the following parts of a water distribution system:
	a. Distributors
	b. Primary feeders
	c. Secondary feeders
15.03	Explain the operation of a:
	a. Dry-barrel hydrant
	b. Wet-barrel hydrant
15.04	Define the following:
	a. Normal operating pressure of a water distribution system
	b. Residual pressure of a water distribution system
	c. Flow pressure and d) static pressure

15.05	Identify the following types of main water valves:
	a. Indicating
	b. Non-indicating
	c. Post indicator
	d. Outside screw and yoke
15.06	Describe how the following conditions reduce hydrant effectiveness:
	a. Obstructions to use of hydrant
	b. Direction of hydrant outlets to suitability of use
	c. Mechanical damage
	d. Rust and corrosion
	e. Failure to open the hydrant fully
	f. Ability to drain
15.07	Identify the apparatus, equipment, and appliances required to provide water at rural locations by relay pumping, large diameter hose, or a tanker shuttle.
15.08	Identify and explain the four (4) fundamental components of a modern water system.
15.09	Demonstrate deployment of a portable water tank.
15.10	Connect a supply hose to a hydrant, and fully open and close the hydrant.
15.11	Demonstrate the hydrant to pumper hose connections for forward and reverse lays.
15.12	Assemble and connect the equipment necessary for drafting from a static water supply source.
15.13	Demonstrate the assemblage of equipment necessary for the transfer of water between portable water tanks.
15.14	Describe the loading and off-loading of tanks on mobile water supply apparatus.
15.15	Identify the pipe sizes used in water distribution systems for residential, business, and industrial districts.
15.16	Identify two causes of increased resistance or friction loss in water mains.
16.0	Use private fire protection systems--The student will be able to:
16.01	Identify a fire department sprinkler connection and water motor alarm.

16.02	Connect hose line(s) to a fire department connection of a sprinkler or standpipe system.
16.03	Define how the automatic sprinkler heads open and release water.
16.04	Temporarily stop the flow of water from a sprinkler head using a wedge, tong, or stopper.
16.05	Define the value of automatic sprinklers in providing safety to the occupants in a structure.
16.06	Demonstrate carrying a 100 ft. attack line, 1 1/2" or larger, into a building, connecting it to a standpipe, and advancing from a standpipe.
16.07	Identify the "Main Control" valve on an automatic sprinkler system.
16.08	Operate a main control valve on an automatic sprinkler system from "open" to "closed" and then back to "open".
17.0	Demonstrate salvage procedures--The student will be able to:
17.01	Identify the purpose of salvage and its value to the public and the fire department.
17.02	Demonstrate the removal of debris, and the removal and routing of water from a structure.
17.03	Demonstrate the covering or closing of openings made during fire fighting operations.
18.0	Demonstrate overhaul procedures--The student will be able to:
18.01	Identify the purpose of overhaul.
18.02	Recognize at least four (4) indicators of hidden fires.
18.03	Demonstrate searching for hidden fires.
18.04	Demonstrate how to separate and remove charred material from unburned material.
18.05	Demonstrate exposure of hidden fires by opening ceilings, walls, floors, and pulling apart burned materials.
18.06	Define duties of fire fighters left at the fire scene for fire and security surveillance.
19.0	Demonstrate knowledge of the fundamentals of extinguishment--The student will be able to:
19.01	Describe the tactics employed to fight wildland fires.
09.0	Demonstrate knowledge of the effects of building construction on fire fighting--The student will be able to:
20.01	Describe the basic structural characteristics of the following types of building construction:
	a. Wood frame
	b. Ordinary

	c. Heavy timber
	d. Noncombustible
	e. Fire resistant
20.02	Identify the general fire behavior expected with each type of building construction, including the spread of fire and the safety of the building, occupants, and firefighters.
20.03	Describe at least three hazards associated with truss and lightweight construction.
20.04	Identify dangerous building conditions created by fire and fire suppression activities.
20.05	Identify five indicators of building collapse.
20.06	Describe the effects of fire and fire fighting activities on the following building materials:
	a. Wood
	b. Masonry
	c. Cast iron
	d. Steel
	e. Gypsum wallboard
	f. Reinforced concrete
	g. Glass
	h. Plaster on lath
20.07	Define the following terms as they relate to building construction:
	a. Load bearing
	b. Partition wall
	c. Veneer wall (exterior)
	d. Party wall
	e. Fire wall
	f. Cantilever wall
21.0	Participate in controlled burning exercises--The student will be able to:

21.01	Using the appropriate protective equipment, tools, and agents, extinguish a Class A fire inside of a structure.
21.02	Using the appropriate protective equipment, tools, and agents, extinguish an exterior Class A fire.
21.03	Using the appropriate protective equipment, tools, and agents, extinguish an exterior open pan of a Class B liquid.
21.04	Using the appropriate protective equipment, tools, and agents, extinguish a vehicle fire.
21.05	Using the appropriate protective equipment, tools and agents, extinguish a storage container (exterior dumpster/trash bin) fire.
22.0	Sexually transmitted diseases/emergency medical care--The student will be able to:
22.01	Apply infection control techniques designed to prevent the spread of sexually transmitted diseases to the care of all patients following Centers for Disease Control (CDC) guidelines.
23.0	Demonstrate proficiency in first responder to medical emergencies techniques--The student will be able to:
23.04	Conduct a primary assessment of problems that are a threat to life if not corrected immediately.
23.05	Demonstrate the use, decontamination, disinfection, and disposal of personal protective equipment used for protection from infection.
23.06	Perform the following procedures as defined in the Journal of the American Medical Association, "Standards and Guidelines for Cardiopulmonary Resuscitation (CPR) and Emergency Cardiac Care (ECC)":
	a. Single-rescuer CPR
	• Adult
	• Child
	• Infant
	b. Two-rescuer CPR on an adult
	c. Management of an obstructed airway
	• Conscious and unconscious adult
	• Conscious and unconscious child
	• Conscious and unconscious infant
23.07	Demonstrate the use of a resuscitation mask in the performance of single- and two-rescuer CPR.
23.08	Identify three (3) types of external bleeding and the characteristics of each type.
23.09	Demonstrate three (3) procedures for controlling external bleeding.

23.10	Identify characteristics and emergency medical care of thermal burns according to degree and severity.
23.11	Identify the emergency medical care for chemical burns, including chemical burns of the eyes.
23.12	Identify the symptoms and demonstrate emergency medical care of traumatic shock.
23.13	Identify the symptoms and demonstrate emergency medical care for ingested poisons and drug overdoses.
23.14	Identify the method of contacting the poison control center that serves the local jurisdiction.
24.0	Detect the presence of hazardous materials--The student will be able to:
24.01	Define hazardous materials.
24.02	Identify the Department of Transportation (DOT) hazard classes and divisions of hazardous materials and common examples of materials in each hazard class or division.
24.03	Identify the primary hazards associated with each of the DOT hazard classes and divisions of hazardous materials by hazard class or division.
24.04	Identify the difference between hazardous materials incidents and other emergencies.
24.05	Identify typical occupancies and locations in the community where hazardous materials are manufactured, transported, stored, used or disposed of.
24.06	Identify typical container shapes that can indicate hazardous materials.
24.07	Identify facility and transportation markings and colors that indicate hazardous materials, including the following:
	a. UN/NA identification numbers
	b. NFPA 704 markings
	c. Military hazardous materials markings
	d. Special hazard communication markings
	e. Pipeline markings
	f. Container markings
24.08	Given an NFPA 704 marking, describe the significance of the colors, numbers, and special symbols.
24.09	Identify U.S. and Canadian placards and labels that indicate hazardous materials.
24.10	Identify the basic information on Material Safety Data Sheets (MSDS) and shipping papers that indicates hazardous materials.
24.11	Identify where to find Material Safety Data Sheets (MSDS).

24.12	Identify entries on MSDS that indicate the presence of hazardous materials.
24.13	Identify the entries on shipping papers that indicate the presence of hazardous materials.
24.14	Match the name of the shipping papers found in transportation (air, highway, rail, and water) with the mode of transportation.
24.15	Identify the person responsible for having the shipping papers in each mode of transportation.
24.16	Identify where the papers can be found in an emergency in each mode of transportation.
24.17	Identify examples of clues (other than occupancy/location, container shape, markings/color, placards/labels, MSDS, and shipping papers) that use the senses of sight, sound and odor to indicate hazardous materials.
24.18	Describe the limitation of using the senses in determining the presence or absence of hazardous materials.
25.0	Collect hazardous materials--The student will be able to:
25.01	Identify the three methods for determining the appropriate guide page for a hazardous material.
25.02	Identify the two general types of hazards found on each guide page.
26.0	Initiate protective action--The student will be able to:
26.01	Identify the location of both the local emergency response plan and the organization's standard operating procedures.
26.02	Identify the role of the first responder at the awareness level during a hazardous materials incident.
26.03	Identify the basic precautions to be taken to protect themselves and others in a hazardous materials incident.
26.04	Identify the precautions necessary when providing emergency medical care to victims of hazardous materials incidents.
26.05	Identify typical ignition sources found at the scenes of hazardous materials incidents.
26.06	Identify the ways hazardous materials are harmful to people, the environment, and property at hazardous materials incidents.
26.07	Identify the general routes of entry for human exposure to hazardous materials.
26.08	Given the identify of various hazardous materials (name, UN/NA identification number, or type placard), identify the following response information:
	a. Emergency action (fire, spill, or leak and first aid)
	b. Personal protective equipment necessary
	c. Initial isolation and protective action distances
26.09	Given the name of a hazardous material, identify the recommended personal protective equipment from the following list:
	a. Street clothing and work uniforms

	b. Structural fire-fighting protective clothing
	c. Positive pressure self-contained breathing apparatus
	d. Chemical-protective clothing and equipment
26.10	Identify the definitions for each of the following protective actions:
	a. Isolation of the hazard area and denial of entry
	b. Evacuation
	c. Sheltering in-place protection
26.11	Identify the shapes of recommended initial isolation and protective action zones.
26.12	Describe the difference between small and large spills as found in the table of Initial Isolation and Protective Action Distances.
26.13	Identify the circumstances under which the following distances are used at a hazardous material incident:
	a. Table of initial isolation and protective action distance
	b. Isolation distances in the numbered guides
26.14	Describe the difference between the isolation distances in the orange-bordered guide pages and the protective action distances in the green-bordered pages in the document.
26.15	Identify the techniques used to isolate the hazard area and deny entry to unauthorized persons at hazardous materials incidents.
27.0	Initiate the notification process--The student will be able to:
27.01	Given either a facility or transportation scenario involving hazardous materials, identify the appropriate initial notifications to be made and how to make them, consistent with the local emergency response plan or the organization's standard operating procedures.
28.0	Fire prevention, public fire education, and fire cause determination--The student will be able to:
28.01	Identify five (5) common causes of fires and their prevention.
28.02	Define the importance of inspection and public fire education programs to fire department public relations and the community.
28.03	Demonstrate inspection procedures for private dwellings.
28.04	Present a prepared program to an identified audience, given a lesson plan, time allotment, and instructional materials for the following topics:
	a. Stop, drop and roll
	b. Crawl low in smoke

	c. Escape planning
	d. Alerting others
	e. Calling the fire department
	f. Fire station tour
	g. Residential smoke detector placement and maintenance
28.05	Document the presentation of a program covered in 28.04, given a reporting form that includes:
	a. Program title
	b. Number of participants
	c. Evaluations
29.0	Demonstrate knowledge of fire pump ratings--The student will be able to:
29.01	Define fire pump ratings.
29.02	Interpret fire pump ratings.
30.0	Demonstrate knowledge of the relationship between flow and pressure--The student will be able to:
30.01	Define flow.
30.02	Define pressure.
30.03	Discuss the mathematical relationship between flow and pressure.
30.04	Perform calculations based on the formulas expressing the relationship between flow and pressure.
31.0	Demonstrate knowledge of the Six Rules of Hydraulics and Fireground Rules of Thumb--The student will be able to:
31.01	List and define the Six Rules of Hydraulics.
31.02	List and define the Fireground Rules of Thumb.
32.0	Demonstrate knowledge of hydrant capacity, standpipes, and sprinklers--The student will be able to:
32.01	Identify major components of fire hydrants.
32.02	Identify major types of fire hydrants.
32.03	Identify major components of standpipe systems.

32.04	Identify major components of sprinkler systems.
32.05	Identify major types sprinkler heads.
32.06	Identify major components of municipal water systems.
32.07	Identify major components of static water supply.
33.0	Demonstrate knowledge of friction loss and nozzle reaction--The student will be able to:
33.01	Define friction loss.
33.02	Calculate friction loss over different lengths and diameters of fire hose.
33.03	Define nozzle reaction.
33.04	Discuss nozzle reaction with different types of nozzle at different pressures.
34.0	Demonstrate knowledge of relay pumping--The student will be able to:
34.01	Define relay pumping.
34.02	Perform the calculations to determine the relay set-up to deliver the desired flow.
35.0	Demonstrate ability to perform basic hydraulic calculations given the required formulas--The student will be able to:
35.01	Calculate flow rates.
35.02	Calculate tip pressures.
35.03	Calculate pumping capacity.
36.0	Demonstrate the ability to drive the following patterns: (a) serpentine, (b) alley dock, (c) opposite alley and, (d) diminishing clearance--The student will be able to:
36.01	Drive the serpentine course without error.
36.02	Drive the alley dock exercise without error.
36.03	Drive the opposite alley exercise without error.
36.04	Drive the diminishing clearance exercise without error.
37.0	Demonstrate the ability to position an apparatus for hydrant hook-up and drafting--The student will be able to:
37.01	Park the apparatus in position for catching the hydrant.
37.02	Park the apparatus in position for drafting.

38.0	Demonstrate the ability to recognize cavitation, water hammer, overheating, and unusual noises--The student will be able to:
38.01	Define cavitation.
38.02	Discuss measures to prevent cavitation.
38.03	Define water hammer.
38.04	Discuss measures to prevent water hammer.
38.05	3Define overheating.
38.06	3Discuss measures to prevent overheating.
38.07	Discuss troubleshooting pump operations by listening.
39.0	Demonstrate the ability to draft, tandem and relay pumping--The student will be able to:
39.01	Define drafting.
39.02	Define tandem pumping.
39.03	Perform drafting operations.
39.04	Perform tandem pumping operations.
39.05	Perform relay pumping operations.
40.0	Demonstrate the ability to perform apparatus inspections, testing, and routine service functions--The student will be able to:
40.01	Set up appropriate preventative maintenance schedules.
40.02	Perform complete apparatus inspection prior to operations.
40.03	Test apparatus components prior to use.
40.04	Discuss routine service and maintenance activities for fire apparatus.
41.0	Demonstrate knowledge of NFPA 1901 and applicable state laws and rules--The student will be able to:
41.01	List and discuss key provisions of NFPA 1901.
41.02	List and discuss key provisions of the Florida statutes relative to fire apparatus.
42.0	Demonstrate knowledge of single and multi-stage pumps, pump piping, and the pumping process--The student will be able to:
42.01	Identify major components of single-stage pumps.

42.02	Identify major components of multi-stage pumps.
42.03	Identify major components of pump piping.
42.04	List major steps of the pumping process.
43.0	Demonstrate knowledge of static, positive, and gravity water sources--The student will be able to:
43.01	Define static water sources.
43.02	Define positive water sources.
43.03	Define gravity water sources.
44.0	Demonstrate knowledge of pressure control, priming devices, and cooling systems--The student will be able to:
44.01	Define pressure controls and demonstrate operation of each major type.
44.02	Define priming devices.
44.03	Identify major components of primary and auxiliary cooling systems.
45.0	Demonstrate knowledge of emergency vehicle driving characteristics and defensive driving techniques--The student will be able to:
45.01	Discuss the driving characteristics of emergency vehicles.
45.02	Discuss defensive driving techniques.
46.0	Demonstrate knowledge of gauges and valves--The student will be able to:
46.01	Identify all gauges on a typical pumper apparatus.
46.02	Read all gauges on a typical pumper apparatus.
46.03	Identify all valves on a typical pumper apparatus.
46.04	Operate all valves on a typical pumper apparatus.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Firesafety Inspector
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430204
CIP Number	0743020102
Grade Level	30, 31
Standard Length	360 hours
Teacher Certification	FIRE FIGHT @7 7G
CTSO	N/A
SOC Codes (all applicable)	33-2021 Fire Inspectors and Investigators
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Financial Services/State Fire College for information regarding basic skills.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of two occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3)(b), F.S.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	FFP0560	Firesafety Inspector I	200 hours	33-2021
B	FFP0562	Firesafety Inspector II	160 hours	33-2021

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Demonstrate understanding of the Life Safety Code as applied to various kinds of occupancies.
- 02.0 Demonstrate ability to locate proper citations within the Life Safety Code.
- 03.0 Demonstrate knowledge of the concept of code equivalency.
- 04.0 Demonstrate knowledge of types of egress and distances required.
- 05.0 Demonstrate the ability to properly classify types of occupancies.
- 06.0 Demonstrate the ability to calculate the size, area, and volume of complex building shapes.
- 07.0 Demonstrate ability to use architectural ruler.
- 08.0 Demonstrate recognition of various types and methods of construction as denoted in architectural drawings.
- 09.0 Demonstrate ability to interpret working drawings of residential, light and heavy commercial buildings.
- 10.0 Demonstrate ability to interpret conventions, symbols, and notes on architectural working drawings.
- 11.0 Demonstrate knowledge of the relationship between working drawings, "as-built", and actual construction.
- 12.0 Demonstrate knowledge of the construction process and materials used.
- 13.0 Demonstrate knowledge of legal foundations for fire inspections.
- 14.0 Demonstrate knowledge of the fire inspection process.
- 15.0 Demonstrate knowledge of fire inspection practices as part of an overall fire prevention program.
- 16.0 Demonstrate knowledge of fire inspection report writing.
- 17.0 Demonstrate knowledge of complaint handling and code enforcement procedures.
- 18.0 Demonstrate knowledge of special occupancies.
- 19.0 Demonstrate knowledge of unsafe conditions, fire hazards, and fire loads.
- 20.0 Demonstrate knowledge of fire behavior.
- 21.0 Demonstrate knowledge of fire cause determination.
- 22.0 Demonstrate knowledge of proper storage of flammable and combustibles.
- 23.0 Demonstrate knowledge of proper storage of hazardous materials.
- 24.0 Demonstrate knowledge of classifications, controls, and applications of automatic sprinkler systems.
- 25.0 Demonstrate knowledge of inspection practices for fire protection systems.
- 26.0 Demonstrate knowledge of classifications, controls, and applications of portable fire extinguishers.
- 27.0 Demonstrate knowledge of water supply for sprinkler and standpipe systems.
- 28.0 Demonstrate knowledge of acceptance testing for fire protection systems.
- 29.0 Identify the appropriate certifications for fire extinguishers, hood systems, sprinkler systems, and alarm devices.
- 30.0 Demonstrate knowledge of various extinguishing agents.
- 31.0 Define types of building classifications and construction types.
- 32.0 Define various loads and forces that affect buildings.
- 33.0 Demonstrate knowledge of various types of building construction and their effect on fire propagation, smoke generation, and control.
- 34.0 Define the characteristics of various building materials, with particular regard to fire resistance.
- 35.0 Define the characteristics of various building types and occupancies, with particular regard to fire load and resistance.
- 36.0 Describe principles of fire resistance, fire growth, and the behavior of fire and smoke in buildings.
- 37.0 Periodic table of elements.
- 38.0 Chemical structure.

- 39.0 Inorganic compounds.
- 40.0 Organic compounds I: organic architecture.
- 41.0 Organic compounds II: non-polar compounds.
- 42.0 Organic compounds III: polar compounds.
- 43.0 Chemical formulas.
- 44.0 Identify the chemical and physical properties of matter.
- 45.0 Physical effects and exposure to hazardous materials.
- 46.0 Science officer research.
- 47.0 Identify the common elements by their atomic symbols on the periodic table and demonstrate an understanding of why the table is organized into columns and groups.
- 48.0 Differentiate between elements, compounds and mixtures, and give examples of each.
- 49.0 Explain the difference between ionic and covalent bonding and be able to predict when each will occur.
- 50.0 Identify, name, and understand the basic chemistry involved with common hydrocarbon derivatives.
- 51.0 Comprehend the basic chemical and physical properties of gases, liquids and solids, and predict the behavior of a substance under adverse conditions.
- 52.0 Identify, name, and understand the basic chemistry and hazards involved with the nine U.S. Department of Transportation hazard classes and their divisions.
- 53.0 Analyze facility occupancy, transportation documents, shape and size of containers, and Material Safety Data Sheets (MSDS) to recognize the physical state and potential hazards of reactivity related to firefighter health and safety.
- 54.0 Demonstrate the ability to utilize guidebooks to determine an initial course of action for emergency responders.
- 55.0 Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
- 56.0 Name the parts of a pre-engineered system.
- 57.0 Explain how a pre-engineered system operates.
- 58.0 Describe the application of a pre-engineered system.
- 59.0 List the different types of extinguishing agents.
- 60.0 Define the different extinguishing agents.
- 61.0 Describe the properties of the various extinguishing agents.
- 62.0 The student will demonstrate an understanding of alarm systems associated with pre-engineered systems.
- 63.0 Name the components of a pre-engineered system alarm.
- 64.0 Describe the activation of the alarm system.
- 65.0 List the associated compliance codes required for alarm systems.
- 66.0 The student will demonstrate an understanding of inspection procedures.
- 67.0 Describe the inspection procedure for a pre-engineered system.
- 68.0 List the inspection guidelines for pre-engineered systems.
- 69.0 Explain the need for inspections of pre-engineered systems.
- 70.0 Identify the problem.
- 71.0 Detecting incendiary fires.
- 72.0 Understand the nature and behavior of fire.
- 73.0 Understand the combustible properties of liquid and gaseous fuels.
- 74.0 Understand the properties of solid fuels.
- 75.0 Identify sources of ignition.

- 76.0 Deal with structure fires.
- 77.0 Deal with wildland fires.
- 78.0 Deal with vehicle and ship fires.
- 79.0 Electrical cause fires.
- 80.0 Clothing and fabric fires.
- 81.0 Explosions.
- 82.0 Chemical fires and hazardous materials.
- 83.0 Available lab services.
- 84.0 Fire related deaths and injuries.
- 85.0 Arson as a crime.
- 86.0 Other investigative topics.
- 87.0 Describe an exothermic reaction.
- 88.0 Explain various terms describing fire behavior.
- 89.0 Describe hazards associated with fire.
- 90.0 Describe burn injuries and their care.
- 91.0 Know and use resources in injury prevention available on a national basis.
- 92.0 Know and use resources in injury prevention on a statewide basis.
- 93.0 Know and use resources in injury prevention on a local basis.
- 94.0 Understand the importance of documentation of activities.
- 95.0 Given forms and formats, document fire and life safety education programs.
- 96.0 Given forms and formats, prepare written reports.
- 97.0 Given a list of events, program requests, etc. maintain a work schedule.
- 98.0 Demonstrate an understanding of methods used in conducting fire and life safety programs.
- 99.0 Select instructional materials that are appropriate to the audience and learning objectives.
- 100.0 Maintain safety during fire and life safety education activities.
- 101.0 Present a lesson plan.
- 102.0 Notify the public of an educational event.
- 103.0 Distribute educational information.
- 104.0 Administer an evaluation instrument.
- 105.0 Score and evaluation instrument.
- 106.0 To train fire rescue department personnel in the role of Public Information Officer (PIO).
- 107.0 To give participants an overview of the key functions and responsibilities of the fire rescue department PIO.
- 108.0 To stress the need for cooperation with the media.
- 109.0 To show trainees an example of an effective PIO at work at an emergency scene.
- 110.0 To give trainees an opportunity to practice specific performance based skills required in the PIO function.
- 111.0 To be familiar with the most current media technology.
- 112.0 Understand the need for public information policies.
- 113.0 Understand Incident Command System (ICS), Joint Information Center (JIC), and Joint Information Systems (JIS)
- 114.0 Discuss unified message.

Florida Department of Education
Student Performance Standards

Program Title: Firesafety Inspector
PSAV Number: P430204

Course Number: FFP0560
Occupational Completion Point: A
Firesafety Inspector I – 200 Hours – SOC Codes 33-2021

01.0 Demonstrate understanding of the life safety code as applied to various kinds of occupancies--The student will be able to:

01.01 Identify the sections of the Life Safety Code.

01.02 Identify which sections apply to different types of occupancies.

01.03 Define key terms as used in the Life Safety Code.

02.0 Demonstrate ability to locate proper citations within the Life Safety Code--The student will be able to:

02.01 Given a set of inspection circumstances, identify the section of the Life Safety Code that applies.

02.02 Given a set of inspection circumstances, be able to cite the remedy as found in the Life Safety Code (LSC).

03.0 Demonstrate knowledge of the concept of code equivalency--The student will be able to:

03.01 Given a set of similar inspection circumstances, choose between available codes and standards that best apply.

03.02 Compare and contrast national, regional, state, and local codes and standards.

04.0 Demonstrate knowledge of types of egress and distances required--The student will be able to:

04.01 Define types and characteristics of egress in the LSC.

04.02 Find appropriate minimum distances to egress in the LSC.

04.03 Define and discuss different methods of closure for means of egress.

04.04 Describe appropriate markings for means of egress.

05.0 Demonstrate the ability to properly classify types of occupancies--The student will be able to:

05.01 Define and describe assembly occupancies.

05.02 Define and describe educational occupancies.

05.03	Define and describe health care occupancies.
05.04	Define and describe detention and correctional occupancies.
05.05	Define and describe residential occupancies.
05.06	Define and describe mercantile occupancies.
05.07	Define and describe business occupancies.
05.08	Define and describe industrial occupancies.
05.09	Define and describe storage occupancies.
06.0	Demonstrate the ability to calculate the size, area, and volume of complex building shapes--The student will be able to:
06.01	Calculate the size of various buildings.
06.02	Calculate the area of various buildings.
06.03	Calculate the volume of various buildings.
07.0	Demonstrate ability to use architectural ruler--The student will be able to:
07.01	Measure various building dimensions from working drawings, using the appropriate referenced scale.
08.0	Demonstrate recognition of various types and methods of construction as denoted in architectural drawings--The student will be able to:
08.01	Identify markings for different types of doors.
08.02	Identify markings for different types of windows.
08.03	Identify markings for load-bearing and non-load-bearing walls.
08.04	Identify markings for mechanical and air-handling systems.
08.05	Identify markings for electrical systems.
08.06	Identify markings for plumbing systems.
09.0	Demonstrate ability to interpret working drawings of residential, light and heavy commercial buildings--The student will be able to:
09.01	Identify characteristics of residential construction plans.
09.02	Identify characteristics of light commercial construction drawings.
09.03	Identify characteristics of heavy commercial construction drawings.

10.0	Demonstrate ability to interpret conventions, symbols, and notes on architectural working drawings--The student will be able to:
10.01	Identify the clearance radius for doors.
10.02	Identify the width of windows and doors.
10.03	Identify the movable and immovable partitions.
11.0	Demonstrate knowledge of the relationship between working drawings, "as-builts", and actual construction--The student will be able to:
11.01	Compare and contrast drawings done at each stage of construction.
11.02	Compare and contrast design drawings and "as-builts".
11.03	Discuss the importance of physical inspection during and after construction.
12.0	Demonstrate knowledge of the construction process and materials used--The student will be able to:
12.01	List steps in the construction process.
12.02	Identify the roles of general contractors.
12.03	Identify the roles of subcontractors.
12.04	Identify the principal building trades and their functions.
13.0	Demonstrate knowledge of legal foundations for fire inspections--The student will be able to:
13.01	Describe applicable chapters and sections of the Florida Statutes that govern fire safety inspections.
13.02	Describe applicable chapters and sections of the Florida Administrative Code that govern fire safety inspections.
14.0	Demonstrate knowledge of the fire inspection process--The student will be able to:
14.01	Discuss fire inspection and its place within the fire department's organization.
14.02	Define and discuss inspection and re-inspection.
14.03	Discuss the scheduling of fire inspections.
14.04	Compare and contrast the customer service and code enforcement concepts of fire inspection.
14.05	Discuss the steps of the physical fire inspection.
15.0	Demonstrate knowledge of fire inspection practices as part of an overall fire prevention program--The student will be able to:
15.01	List and describe the components of a complete fire prevention program.

15.02	Discuss the proactive role of the fire inspector.
15.03	Discuss the educational role of the fire inspection.
16.0	Demonstrate knowledge of fire inspection report writing--The student will be able to:
16.01	Define the parts of a complete fire inspection report.
16.02	Discuss the proper uses of fire inspection reports.
16.03	Discuss the proper handling, distribution, and retention of fire inspection reports.
16.04	Prepare a draft fire inspection report to acceptable industry standards.
17.0	Demonstrate knowledge of complaint handling and code enforcement procedures--The student will be able to:
17.01	Discuss methods of handling occupant complaints relative to fire inspections.
17.02	Discuss code enforcement authority of fire inspectors.
17.03	Discuss code development and adoption processes.
17.04	Discuss appeal process relative to code violations.
18.0	Demonstrate knowledge of special occupancies--The student will be able to:
18.01	Define special occupancies.
18.02	Discuss LSC applications relative to special occupancies.
18.03	Discuss fire inspection practices relative to special occupancies.
19.0	Demonstrate knowledge of unsafe conditions, fire hazards, and fire loads--The student will be able to:
19.01	Define and discuss unsafe conditions.
19.02	Define and discuss fire hazards.
19.03	Define and discuss fire loads.
20.0	Demonstrate knowledge of fire behavior--The student will be able to:
20.01	Define and discuss the fire triangle.
20.02	Define and discuss the fire tetrahedron.
20.03	Define ignition temperature.

20.04	Define flammable range.
20.05	Define combustion.
21.0	Demonstrate knowledge of fire cause determination--The student will be able to:
21.01	Discuss how to determine the point of origin of a fire.
21.02	Define and discuss "V" patterns.
21.03	Define and discuss char patterns.
21.04	Define and discuss smoke stains.
21.05	Compare and contrast accidental and incendiary fire causes.
22.0	Demonstrate knowledge of proper storage of flammable and combustibles--The student will be able to:
22.01	Define and discuss flammable materials.
22.02	Define and discuss combustible materials.
22.03	Discuss proper storage methods.
22.04	Identify and discuss proper markings for flammable and combustible material storage areas.
23.0	Demonstrate knowledge of proper storage of hazardous materials--The student will be able to:
23.01	Define and discuss hazardous materials.
23.02	Define and discuss material safety data sheets.
23.03	Discuss proper storage methods.
23.04	Identify and discuss proper markings for hazardous materials storage areas.
24.0	Demonstrate knowledge of classifications, controls, and applications of automatic sprinkler systems--The student will be able to:
24.01	List and define the classes of automatic sprinkler systems.
24.02	Identify and describe major controls of automatic sprinkler systems.
24.03	Discuss proper installation and application of automatic sprinkler systems for different classes of occupancies.
25.0	Demonstrate knowledge of inspection practices for fire protection systems--The student will be able to:
25.01	Discuss legal requirements for fire protection system inspections.

25.02	Discuss testing of fire protection systems.
26.0	Demonstrate knowledge of classifications, controls, and applications of portable fire extinguishers--The student will be able to:
26.01	List and define the classes of portable fire extinguishers.
26.02	Identify and describe major controls of portable fire extinguishers.
26.03	Discuss proper installation and application of portable fire extinguishers for different classes of occupancies.
27.0	Demonstrate knowledge of water supply for sprinkler and standpipe systems--The student will be able to:
27.01	Identify the major parts of sprinkler systems.
27.02	Identify the major parts of standpipe systems.
27.03	Discuss the use of sprinkler systems in fire suppression tactics of fire departments.
27.04	Discuss the use of standpipe systems in fire suppression tactics of fire departments.
27.05	Discuss the water supply system for sprinklers.
27.06	Discuss the water supply system for standpipes.
28.0	Demonstrate knowledge of acceptance testing for fire protection systems--The student will be able to:
28.01	Define acceptance testing.
28.02	Define compliance testing.
28.03	Discuss acceptance-testing procedures for fire protection systems.
29.0	Identify the appropriate certifications for fire extinguishers, hood systems, sprinkler systems, and alarm devices--The student will be able to:
29.01	Identify the certification procedures for portable fire extinguishers.
29.02	Identify the certification procedures for hood systems.
29.03	Identify the certification procedures for sprinkler systems.
29.04	Identify the certification procedures for fire alarm systems.
30.0	Demonstrate knowledge of various extinguishing agents--The student will be able to:
30.01	Discuss the properties of water as a fire-extinguishing agent.
30.02	Discuss the properties of dry chemical as a fire-extinguishing agent.

30.03	Discuss the properties of carbon dioxide as a fire-extinguishing agent.
30.04	Discuss the properties of foam as a fire-extinguishing agent.
30.05	Discuss the properties of halon as a fire-extinguishing agent.
31.0	Define types of building classifications and construction types--The student will be able to:
31.01	Define and describe the characteristics of single-family residential construction.
31.02	Define and describe the characteristics of multi-family residential construction.
31.03	Define and describe the characteristics of light commercial construction.
31.04	Define and describe the characteristics of heavy commercial construction.
31.05	Define and describe the characteristics of industrial construction.
32.0	Define various loads and forces that affect buildings--The student will be able to:
32.01	Define (a) vertical load, (b) sheer load, (c) torsional load, (d) compressive load, (e) tension load, (f) static load, (g) live load, and (h) fire load.
32.02	Define wind pressure.
32.03	Discuss windstorm provisions of building codes.
33.0	Demonstrate knowledge of various types of building construction and their effect on fire propagation, smoke generation, and control--The student will be able to:
33.01	Define fire propagation.
33.02	Define smoke generation.
33.03	Define fire control.
33.04	Define balloon construction.
33.05	Define tilt-slab construction.
33.06	Define post-and-lintel construction.
33.07	Given a particular occupancy, discuss the likely development of a fire within that type of construction.
34.0	Define the characteristics of various building materials, with particular regard to fire resistance--The student will be able to:
34.01	Discuss the fire resistance characteristics of wood frame construction.
34.02	Discuss the fire resistance characteristics of metal frame construction.

34.03	Discuss the fire resistance characteristics of masonry construction.
35.0	Define the characteristics of various building types and occupancies, with particular regard to fire load and resistance--The student will be able to:
35.01	Define and describe fire load and resistance in assembly occupancies.
35.02	Define and describe fire load and resistance in educational occupancies.
35.03	Define and describe fire load and resistance in health care occupancies.
35.04	Define and describe fire load and resistance in detention and correctional occupancies.
35.05	Define and describe fire load and resistance in residential occupancies.
35.06	Define and describe fire load and resistance in mercantile occupancies.
35.07	Define and describe fire load and resistance in business occupancies.
35.08	Define and describe fire load and resistance in industrial occupancies.
35.09	Define and describe fire load and resistance in storage occupancies.
36.0	Describe principles of fire resistance, fire growth, and the behavior of fire and smoke in buildings--The student will be able to:
36.01	Define fire resistance.
36.02	Define fire growth.
36.03	Define fire spread.
36.04	Define smoke propagation.
Course Number: FFP0562	
Occupational Completion Point: B	
Firesafety Inspector II – 200 Hours – SOC Codes 33-2021	
37.0	Periodic table of elements.
38.0	Chemical structure.
39.0	Inorganic compounds.
40.0	Organic compounds I: organic architecture.
41.0	Organic compounds II: non-polar compounds.

42.0	Organic compounds III: polar compounds.
43.0	Chemical formulas.
44.0	Identify the chemical and physical properties of matter.
45.0	Physical effects and exposure to hazardous materials.
46.0	Science officer research.
47.0	Identify the common elements by their atomic symbols on the periodic table and demonstrate an understanding of why the table is organized into columns and groups.
48.0	Differentiate between elements, compounds and mixtures, and give examples of each.
49.0	Explain the difference between ionic and covalent bonding and be able to predict when each will occur.
50.0	Identify, name, and understand the basic chemistry involved with common hydrocarbon derivatives.
51.0	Comprehend the basic chemical and physical properties of gases, liquids and solids, and predict the behavior of a substance under adverse conditions.
52.0	Identify, name, and understand the basic chemistry and hazards involved with the nine U.S. Department of Transportation hazard classes and their divisions.
53.0	Analyze facility occupancy, transportation documents, shape and size of containers, and Material Safety Data Sheets (MSDS) to recognize the physical state and potential hazards of reactivity related to firefighter health and safety.
54.0	Demonstrate the ability to utilize guidebooks to determine an initial course of action for emergency responders.
55.0	Identify and analyze the causes involved in the line of duty firefighter deaths related to structural and wildland firefighting, training and research and the reduction of emergency risks and accidents.
56.0	Name the parts of a pre-engineered system.
57.0	Explain how a pre-engineered system operates.
58.0	Describe the application of a pre-engineered system.
59.0	List the different types of extinguishing agents.
60.0	Define the different extinguishing agents.
61.0	Describe the properties of the various extinguishing agents.
62.0	The student will demonstrate an understanding of alarm systems associated with pre-engineered systems.
63.0	Name the components of a pre-engineered system alarm.
64.0	Describe the activation of the alarm system.

65.0	List the associated compliance codes required for alarm systems.
66.0	The student will demonstrate an understanding of inspection procedures.
67.0	Describe the inspection procedure for a pre-engineered system.
68.0	List the inspection guidelines for pre-engineered systems.
69.0	Explain the need for inspections of pre-engineered systems.
70.0	Identify the problem.
71.0	Detecting incendiary fires.
72.0	Understand the nature and behavior of fire.
73.0	Understand the combustible properties of liquid and gaseous fuels.
74.0	Understand the properties of solid fuels.
75.0	Identify sources of ignition.
76.0	Deal with structure fires.
77.0	Deal with wildland fires.
78.0	Deal with vehicle and ship fires.
79.0	Electrical cause fires.
80.0	Clothing and fabric fires.
81.0	Explosions.
82.0	Chemical fires and hazardous materials.
83.0	Available lab services.
84.0	Fire related deaths and injuries.
85.0	Arson as a crime.
86.0	Other investigative topics.
Elective: (choose one)	

FFP1793 Fire and Life Safety Educator - Level I

- | | |
|-------|--|
| 87.0 | Describe an exothermic reaction. |
| 88.0 | Explain various terms describing fire behavior. |
| 89.0 | Describe hazards associated with fire. |
| 90.0 | Describe burn injuries and their care. |
| 91.0 | Know and use resources in injury prevention available on a national basis. |
| 92.0 | Know and use resources in injury prevention on a statewide basis. |
| 93.0 | Know and use resources in injury prevention on a local basis. |
| 94.0 | Understand the importance of documentation of activities. |
| 95.0 | Given forms and formats, document fire and life safety education programs. |
| 96.0 | Given forms and formats, prepare written reports. |
| 97.0 | Given a list of events, program requests, etc. maintain a work schedule. |
| 98.0 | Demonstrate an understanding of methods used in conducting fire and life safety programs. |
| 99.0 | Select instructional materials that are appropriate to the audience and learning objectives. |
| 100.0 | Maintain safety during fire and life safety education activities. |
| 101.0 | Present a lesson plan. |
| 102.0 | Notify the public of an educational event. |
| 103.0 | Distribute educational information. |
| 104.0 | Administer an evaluation instrument. |
| 105.0 | Score and evaluation instrument. |

FSFC 407 FFP2706 Public Information Officer (PIO)
106.0 To train fire rescue department personnel in the role of PIO.
107.0 To give participants an overview of the key functions and responsibilities of the fire rescue department PIO.
108.0 To stress the need for cooperation with the media.
109.0 To show trainees an example of an effective PIO at work at an emergency scene.
110.0 To give trainees an opportunity to practice specific performance based skills required in the PIO function.
111.0 To be familiar with the most current media technology.
112.0 Understand the need for public information policies.
113.0 Understand Incident Command System (ICS), Joint Information Center (JIC), and Joint Information Systems (JIS)
114.0 Discuss unified message.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics 10, Language 10, and Reading 10. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Fire Fighter
Program Type: Career Preparatory
Career Cluster: Law, Public Safety, & Security

PSAV

Program Number	P430205	
CIP Number	0743020300	
Grade Level	30, 31	
Standard Length	538 Hours NOTE: The length of the Fire Fighter Core is 398 hours	
Teacher Certification	FIRE FIGHT @7 7G	
CTSO	N/A	
SOC Codes (all applicable)	33-2011 Fire Fighters	
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml	
Basic Skills Level	Mathematics:	10
	Language:	10
	Reading:	10

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster. This program offers a broad foundation of knowledge and skills to prepare students for employment in the fire science realm that ranges from a frontline fire fighter to entry level fire inspectors and investigators.

The program must be approved by the Division of State Fire Marshal, Bureau of Fire Standards and Training. The course will meet the JPR's of NFPA 1001 Standard for Fire Fighter Professional Qualifications, 2013 edition and the Standard for Fire Apparatus Driver/Operator Professional Qualifications (NFPA 1002), as regulated by the Florida Bureau of Fire Standards and Training through Chapter 633, F.S. and the State Fire Marshal Rules, Chapter 69A-37, Florida Administrative Code (F.A.C.).

The Fire Fighter program content includes, but is not limited to, orientation to the fire service, fire alarms and communication, vehicles, apparatus and equipment, fire behavior, portable extinguishers, fire streams, fundamentals of extinguishment, ladders, hoses, tools and equipment, forcible entry, salvage, overhaul, ventilation, rescue, protective breathing equipment, first responder emergency medical techniques, water supplies, principles of in-service inspections, safety, controlled burning, and employability skills.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

Pursuant to 633.128, Florida Statutes, the Department of Financial Service, Division of State Fire Marshal, has established training requirements for firefighters and volunteer firefighters. These requirements are implemented by Rule 69A-37.055, Florida Administrative Code. This program is a planned sequence of instruction consisting of five occupational completion points, with OCPs A and B comprising the Fire Fighter Core and meets the requirements of the statute and rule listed above. **(NOTE: The curriculum frameworks are subject to change by the Bureau of Fire Standards and Training (BFST) as IAW statutory or Florida Administrative Code (F.A.C.) rule changes.)**

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3)(b), F.S. **(NOTE: Bureau of Fire Standards and Training (BFST) course numbers are not the same as those in the SCNS. Report only the FDOE SCNS Course Numbers from the table below.)**

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	FFP0010	Fire Fighter I http://www.myfloridacfo.com/Division/SFM/BFST/Training/documents/Syllabus_FirefighterPartI.pdf	206 hours	33-2011
B	FFP0020	Fire Fighter II http://www.myfloridacfo.com/Division/SFM/BFST/Training/documents/Syllabus_FirefighterPartII.pdf	192 hours	33-2011
C	FFP0360	Fire Apparatus Operator	80 hours	53-3099
D	FFP0363	Emergency Vehicle Operator Course (EVOC)	20 hours	53-3099
E	FFP0142	Medical First Responder	40 hours	29-2041

Standards

The Bureau of Fire Standards and Training (BFST) is responsible for establishing uniform minimum standards for the employment and training of firefighters and volunteer firefighters and for establishing and maintaining firefighting training programs, curricula requirements, and certification of training schools and training school instructors.

The Curriculum Development staff is responsible for the design, implementation, maintenance, evaluation, and revision of job-related curricula for the Bureau of Fire Standards and Training (BFST) approved firefighters and volunteer firefighters, advanced, specialized, and specialized instructor training programs for fire fighters.

After successfully completing this program, the student will be able to perform the following:

- 01.0 Fire Fighter I (http://www.myfloridacfo.com/Division/SFM/BFST/Training/documents/Syllabus_FirefighterPartI.pdf)
- 02.0 Fire Fighter II (http://www.myfloridacfo.com/Division/SFM/BFST/Training/documents/Syllabus_FirefighterPartII.pdf)
- 03.0 Demonstrate knowledge of fire department organization and procedures.
- 04.0 Use fire alarms and communications equipment.
- 05.0 Demonstrate knowledge of fire behavior.
- 06.0 Use portable fire extinguishers.
- 07.0 Personal protective equipment.
- 08.0 Demonstrate knowledge of fire apparatus.
- 09.0 Use forcible entry equipment.
- 10.0 Demonstrate ventilation practices.
- 11.0 Use ropes, tools, and equipment.
- 12.0 Demonstrate rescue procedures.
- 13.0 Demonstrate safety procedures.
- 14.0 Use ladders.
- 15.0 Use fire hose, nozzles, and appliances.
- 16.0 Use fire streams.
- 17.0 Use water supplies.
- 18.0 Use private fire protection systems.
- 19.0 Demonstrate salvage procedures.
- 20.0 Demonstrate overhaul procedures.
- 21.0 Demonstrate knowledge of the fundamentals of extinguishment.
- 22.0 Demonstrate knowledge of the effects of building construction on fire fighting.
- 23.0 Participate in controlled burning exercises.
- 24.0 Sexually transmitted diseases/emergency medical care.
- 25.0 Detect the presence of hazardous materials.
- 26.0 Collect hazardous materials.
- 27.0 Initiate protective action.
- 28.0 Initiate the notification process.
- 29.0 Fire prevention, public fire education, and fire cause determination.
- 30.0 Demonstrate knowledge of fire pump ratings.
- 31.0 Demonstrate knowledge of the relationship between flow and pressure.
- 32.0 Demonstrate knowledge of the Six rules of Hydraulics and Fireground Rules of Thumb.
- 33.0 Demonstrate knowledge of hydrant capacity, standpipes, and sprinklers.
- 34.0 Demonstrate knowledge of friction loss and nozzle reaction.
- 35.0 Demonstrate knowledge of relay pumping.
- 36.0 Demonstrate ability to perform basic hydraulic calculations given the required formulas.
- 37.0 Demonstrate ability to drive the following patterns: (a) serpentine, (b) alley dock, (c) opposite alley and, (d) diminishing clearance.
- 38.0 Demonstrate the ability to position an apparatus for hydrant hook-up and drafting.
- 39.0 Demonstrate the ability to recognize cavitation, water hammer, overheating, and unusual noises.

- 40.0 Demonstrate the ability to draft, tandem and relay pumping.
- 41.0 Demonstrate the ability to perform apparatus inspections, testing, and routine service functions.
- 42.0 Demonstrate knowledge of NFPA 1901 and applicable state laws and rules.
- 43.0 Demonstrate knowledge of single and multi-stage pumps, pump piping, and the pumping process.
- 44.0 Demonstrate knowledge of static, positive, and gravity water sources.
- 45.0 Demonstrate knowledge pressure control, priming devices, and cooling systems.
- 46.0 Demonstrate knowledge of emergency vehicle driving characteristics and defensive driving techniques.
- 47.0 Demonstrate knowledge of gauges and valves.
- 48.0 Program logistics and focus.
- 49.0 Extent of the problem.
- 50.0 Personnel selection.
- 51.0 Necessity of Standard Operating Guidelines.
- 52.0 Legal aspects of emergency vehicle driving.
- 53.0 Vehicle dynamics.
- 54.0 Vehicle inspection and maintenance.
- 55.0 Vehicle operations and safety.
- 56.0 Emergency vehicle competency.
- 57.0 Straight line exercise.
- 58.0 Confined space turnaround exercise.
- 59.0 Alley dock exercise.
- 60.0 Serpentine exercise.
- 61.0 Off-set alley exercise.
- 62.0 Parallel park exercise.
- 63.0 Diminishing clearance exercise.
- 64.0 Stopping exercise.
- 65.0 Demonstrate proficiency in first responder to medical emergencies techniques.

Course Number: FFP0010
Occupational Completion Point: A
Fire Fighter I – 206 Hours – SOC Code 33-2011

1.0 Fire Fighter I
http://www.myfloridacfo.com/Division/SFM/BFST/Training/documents/Syllabus_FirefighterPartI.pdf

Course Number: FFP0020
Occupational Completion Point: B
Fire Fighter I – 192 Hours – SOC Code 33-2011

2.0 Fire Fighter II
http://www.myfloridacfo.com/Division/SFM/BFST/Training/documents/Syllabus_FirefighterPartII.pdf

Course Number: FFP0360
Occupational Completion Point: C
Fire Apparatus Operator (Pump Operator) – 80 Hours – SOC Code 53-3099

03.0 Demonstrate knowledge of fire department organization, procedures and responsibilities--The student will be able to:

03.01 Describe the organization of the fire department.

03.02 Explain the Firefighter I's role as a member of the organization.

03.03 Explain the Firefighter II's role as a member of the organization.

03.04 Explain the responsibilities of the firefighter in assuming and transferring command within an incident management system.

03.05 Explain the mission of the fire service and of the local fire department.

03.06 Explain the function of a standard operating procedure.

03.07 Explain the fire department rules and regulations that apply to the position of firefighter.

03.08 Explain the basic components of incident management and the firefighter's role within the local incident management system.

03.09 Explain the role of other agencies that may respond to emergencies.

03.10 Describe the components of a member assistance program.

04.0 Use fire alarms and communications equipment--The student will be able to:

04.01 Define the procedure for a citizen to report a fire or other emergency.

04.02 Demonstrate action taken upon receipt of an alarm or report of an emergency.

04.03	Define the purpose and function of all alarm-receiving instruments and personnel-alerting equipment in the fire station.
04.04	Identify procedures required for receipt and processing of business and personal calls.
04.05	Define and demonstrate prescribed fire department radio procedures, including:
	a. Routine traffic,
	b. Emergency traffic,
	c. Emergency evacuation signals, and
04.06	Demonstrate both mobile and portable radio equipment.
05.0	Demonstrate knowledge of fire behavior--The student will be able to:
05.01	Define fire.
05.02	Define the fire triangle and tetrahedron.
05.03	Identify two chemical, mechanical, and electrical energy heat sources.
05.04	Recognize the following conditions and explain their associated hazards and appropriate actions:
	a. Incident fire
	b. Rollover
	c. Hot smoldering fire
	d. Flashover
	e. Steady state
	f. Back draft
05.05	Define the three methods of heat transfer.
05.06	Define the three physical stages of matter in which fuels are commonly found.
05.07	Define the hazard of finely divided fuels as they relate to the combustion process.
05.08	Define flash point, fire point, and ignition temperature.
05.09	Define concentrations of oxygen in air as it affects combustion and life safety.

05.10	Identify three products of combustion commonly found in structural fires that create a life hazard.
05.11	Define the following units of heat measurement:
	a. British Thermal Unit (BTU)
	b. Fahrenheit (°F)
	c. Celsius (°C)
	d. Calorie (C)
05.12	Describe the process of thermal layering that occurs in structural fires and how to avoid disturbing the normal layering of heat.
06.0	Use portable fire extinguishers--The student will be able to:
06.01	Identify the classification of types of fire as they relate to the use of portable extinguishers.
06.02	Given a group of differing extinguishers, identify the appropriate extinguishers for the various classes of fire.
06.03	Define the portable extinguisher rating system.
06.04	Extinguish Class A and B fires using the appropriate portable fire extinguisher.
07.0	Personal protective equipment--The student will be able to:
07.01	Demonstrate the use of self-contained breathing apparatus (SCBA) in conditions of obscured visibility.
07.02	Identify the physical requirements of the wearer of the SCBA.
07.03	Identify the limitations of the SCBA.
07.04	Identify the safety features of all types of self-contained breathing apparatus.
07.05	Demonstrate the function of each component of the SCBA.
07.06	Demonstrate that the SCBA is in a safe condition for immediate use.
07.07	Demonstrate and document routine maintenance for SCBA including inspection, cleaning and sanitizing.
07.08	Demonstrate the use of SCBA in conditions of restricted space.
07.09	Demonstrate the following emergency techniques to be used in the event of SCBA failure:
	a. Use of emergency bypass or purge-valve

	b. Conservation of air
	c. Breathing from the breathing tube or regulator in the event of a face piece failure
07.10	Demonstrate techniques for maximizing the air capacity of an SCBA under work conditions.
07.11	Demonstrate the replacement of an expended cylinder of an SCBA assembly with a full cylinder.
07.12	Identify each of the following articles of protective equipment and describe their uses and limitations:
	a. Helmet (with shield)
	b. Hood
	c. Boots
	d. Gloves
	e. Turnout or bunker coat
	f. Turnout or bunker pants
	g. SCBA
	h. Personal Alert Safety System (PASS)
	i. Eye protection
07.13	Describe and demonstrate the care, inspection, and maintenance of each of the above items of protective equipment.
07.14	Demonstrate the donning and doffing of the personal protective equipment listed in 48.10.
07.15	Identify the hazardous environments requiring the use of respiratory protection.
07.16	Demonstrate donning self-contained breathing apparatus while wearing protective clothing.
07.17	Demonstrate rescue procedures for the following, without compromising the rescuer's respiratory protection:
	a. A firefighter with functioning respiratory protection
	b. A firefighter without functioning respiratory protection
	c. A civilian without respiratory protection
08.0	Demonstrate knowledge of fire apparatus--The student will be able to:

08.01	Identify the function of the following:
a.	Engine company
b.	Truck company
c.	Rescue/Squad company
08.02	Describe the functions of the following units:
a.	Pumper/Engine
b.	Aerial Apparatus
c.	Mobile Water Supply Apparatus/Tanker
d.	Wildland Fire Apparatus
e.	ARFF – Aircraft Rescue and Fire Fighting
08.03	Identify special equipment used in the following apparatus:
a.	Rescue
b.	Chemical
c.	Floodlight and power
d.	Air truck
09.0	Use forcible entry equipment--The student will be able to:
09.01	Identify the materials and construction features of door and window locking devices.
09.02	Identify the method and demonstrate procedures of through-the-lock entry for doors and windows.
09.03	Identify the method and procedure of properly cleaning, maintaining, and inspecting each type of forcible entry tool.
09.04	Identify and safely carry at least 1 of the following:
a.	Cutting tool
b.	Prying tool
c.	Pulling tool

	d. Striking tool
09.05	Identify the materials and construction features of doors, windows, and walls and the dangers associated with forcing entry through each.
09.06	Describe and demonstrate the procedures for forcing entry through at least three different types each of doors, windows, and walls.
09.07	Demonstrate opening various types of windows from inside and outside, with and without the use of fire department tools.
09.08	Demonstrate breaking window or door glass and removing obstruction.
10.0	Demonstrate ventilation practices--The student will be able to:
10.01	Define the principles of ventilation, and identify the advantages and effects of ventilation.
10.02	Identify the dangers present and precautions to be taken in performing ventilation.
10.03	Describe the advantages and disadvantages of the following types of ventilation:
	a. Vertical
	b. Horizontal
	c. Trench/strip
	d. Mechanical
	e. Mechanical pressurization
	f. Hydraulic
10.04	Describe the signs, causes, and effects of backdraft explosions.
10.05	Describe the methods or procedures used to prevent backdraft explosions.
10.06	Identify the tools and equipment used during ventilation and demonstrate their use.
10.07	Recognize the characteristics of, and list necessary precautions when, ventilating at least the following roof types:
	a. Flat
	b. Shed
	c. Pitched
	d. Arched

10.08	Demonstrate the integrity of a roof system by sounding.
10.09	Describe how the following factors are used to determine the integrity of a roof system:
	a. Construction
	b. Visual observation
	c. Elapsed time of fire
10.10	Define procedures for the types or ventilation referred to in 51.03.
11.0	Use ropes, tools, and equipment--The student will be able to:
11.01	When given the proper size and amount of rope, demonstrate tying a:
	a. Bowline knot
	b. Clove hitch
	c. Figure of eight on a bight
	d. Figure of eight follow through
	e. Figure of eight stopper knot
	f. Chimney hitch
	g. Becket or sheet bend
	h. Girth hitch
	i. Overhand safety knot
11.02	Using an approved knot, hoist any selected forcible entry tool, ground ladder, or appliance to a height of at least 20 feet (6m).
11.03	Demonstrate the techniques of inspecting, cleaning, maintaining, and storing rope.
11.04	Use a rope to tie ladders, hose, and other equipment so as to secure them to immovable objects.
11.05	Identify the reasons for placing a rope out of service.
11.06	Distinguish between life safety and utility ropes.
12.0	Demonstrate rescue procedures--The student will be able to:

12.01	Demonstrate the removal of injured persons from the immediate hazard by the use of carries, drags, and stretchers.
12.02	Define and demonstrate primary and secondary search procedures under fire conditions:
	a. With a rope or hose
	b. Without a rope or hose
12.03	Don a life safety harness that meets the requirements of NFPA 1983, Standard on Fire Service Life Safety Rope, Harnesses, and Hardware.
12.04	Inspect a life safety harness and identify the conditions that would require its removal from service.
12.05	Identify and demonstrate the use of the following rescue tools:
	a. Cribbing and shoring material
	b. Block and tackle
	c. Hydraulic devices
	d. Pneumatic devices
	e. Ratchet devices
12.06	Demonstrate the following evolutions, which may be required to extricate an entrapped victim of a motor vehicle crash by displacing:
	a. Vehicle roof
	b. Vehicle door
	c. Windshield
	d. Steering wheel
	e. Steering column and dashboard
13.0	Demonstrate safety procedures--The student will be able to:
13.01	Identify dangerous building conditions created by fire.
13.02	Demonstrate techniques for action when trapped or disoriented in a fire situation or a hostile environment.
13.03	Explain hazards related to electrical emergencies.
13.04	Demonstrate use of portable power plants, lights, cords, connectors, and ground fault interrupters (GFI).

13.05	Describe the responsibilities of a firefighter as required by NFPA 1500.
13.06	Demonstrate the procedures for shutting off the gas services to a building.
13.07	Demonstrate the procedures for shutting off electrical service to a building.
13.08	Describe the elements of a personal accountability system and demonstrate the application of the system at an incident.
13.09	Demonstrate the use of seat belts, noise barriers, and other safety equipment provided for protection while riding the apparatus.
13.10	Demonstrate safety procedures when mounting, dismounting, and operating around fire apparatus.
13.11	Identify a minimum of three common types of accidents or injuries, and their causes, that occur in the following locations:
	a. Fire ground
	b. Responding and returning
	c. Training
	d. Non-fire emergencies
	e. Other on-duty locations
13.12	Identify safety procedures for ensuring a safe station/facility environment.
13.13	Identify potential long-term consequences of exposure to products of combustion.
14.0	Use ladders--The student will be able to:
14.01	Identify and describe the use of the following types of ladders:
	a. Folding/attic
	b. Roof
	c. Straight/wall
	d. Aerial ladders
14.02	Raise, position, and lower the following types of ground ladders:
	a. 14 ft. single or wall ladder
	b. 24 ft. extension ladder

	c. 35 ft. extension ladder
	d. Attic/folding ladder
14.03	Demonstrate the deployment of a roof ladder on a pitched roof.
14.04	Climb the full length of each type of ground (and aerial, if available) ladder carrying firefighting tools or equipment while ascending and descending.
14.05	Climb the full length of each type of ground (and aerial, if available) ladder and bring an "injured person" down the ladder.
14.06	Demonstrate the techniques of working from ground or aerial ladders with tools and appliances, with and without a safety harness.
14.07	Demonstrate the techniques of cleaning, inspecting and maintaining ladders.
15.0	Use fire hose, nozzles, and appliances--The student will be able to:
15.01	Identify the sizes, types, amounts, and use of hose as required to be carried on a pumper according to NFPA 1901.
15.02	Demonstrate the use of all nozzles, hose adapters, and hose appliances as required to be carried on a pumper according to NFPA 1901.
15.03	When given the necessary equipment and operating as an individual and as a member of a team, advance dry hose lines of two different sizes, both of which shall be 1 1/2 inch or larger, from a pumper:
	a. Into a structure
	b. Up a ladder to a second floor landing
	c. Up an inside stairway to an upper floor
	d. Up an outside stairway to an upper floor
	e. Down an inside stairway to a lower floor
	f. Down an outside stairway to a lower floor
	g. To an upper floor by hoisting.
15.04	When given the necessary equipment and operating as a member of a team, advance charged attack lines of two different sizes, both which shall be 1 1/2 inch or larger, from a pumper:
	a. Into a structure
	b. Up a ladder to a second floor landing
	c. Up an outside stairway to an upper floor
	d. Up an inside stairway to an upper floor

e.	Down an inside stairway to a lower floor
f.	Down an outside stairway to a lower floor
g.	To an upper floor by hoisting.
15.05	Demonstrate the techniques for cleaning fire hose, couplings, and nozzles; and inspecting for damage.
15.06	Demonstrate at least 3 different types of hose loads and finishes.
15.07	Demonstrate three types of hose rolls.
15.08	Demonstrate two types of hose carries.
15.09	Demonstrate coupling and uncoupling of fire hose.
15.10	Work from a ground ladder with a charged attack line, which shall be 1 1/2 inch or larger.
15.11	Demonstrate the methods for extending a hose line.
15.12	Demonstrate replacing a burst section of hose line.
15.13	Demonstrate a hand lay of 300 feet (90 m) of supply line 1 1/2 inch (65 mm) or larger from a pumper to a water source.
16.0	Use fire streams--The student will be able to:
16.01	Define a fire stream.
16.02	Demonstrate how to open and close a nozzle and how to adjust its stream pattern and flow setting, when applicable.
16.03	Define water hammer and at least one method for its prevention.
16.04	Define the following methods of water application:
a.	Direct
b.	Indirect
c.	Combination
16.05	Identify precautions to be followed while advancing hose lines to a fire.
16.06	Describe three observable results that are obtained when the proper application of a fire stream is accomplished.
16.07	Assemble and operate a foam fire stream arrangement given the appropriate equipment.

16.08	Demonstrate the methods for applying foam.
17.0	Use water supplies--The student will be able to:
17.01	Identify the water distribution system, and other water sources in the local community.
17.02	Identify the following parts of a water distribution system:
	a. Distributors
	b. Primary feeders
	c. Secondary feeders
17.03	Explain the operation of a:
	a. Dry-barrel hydrant
	b. Wet-barrel hydrant
17.04	Define the following:
	a. Normal operating pressure of a water distribution system
	b. Residual pressure of a water distribution system
	c. Flow pressure and d) static pressure
17.05	Identify the following types of main water valves:
	a. Indicating
	b. non-indicating
	c. Post indicator
	d. Outside screw and yoke
17.06	Describe how the following conditions reduce hydrant effectiveness:
	a. Obstructions to use of hydrant
	b. Direction of hydrant outlets to suitability of use
	c. Mechanical damage

	d. Rust and corrosion
	e. Failure to open the hydrant fully
	f. Ability to drain
17.07	Identify the apparatus, equipment, and appliances required to provide water at rural locations by relay pumping, large diameter hose, or a tanker shuttle.
17.08	Identify and explain the four (4) fundamental components of a modern water system.
17.09	Demonstrate deployment of a portable water tank.
17.10	Connect a supply hose to a hydrant, and fully open and close the hydrant.
17.11	Demonstrate the hydrant to pumper hose connections for forward and reverse lays.
17.12	Assemble and connect the equipment necessary for drafting from a static water supply source.
17.13	Demonstrate the assemblage of equipment necessary for the transfer of water between portable water tanks.
17.14	Describe the loading and off-loading of tanks on mobile water supply apparatus.
17.15	Identify the pipe sizes used in water distribution systems for residential, business, and industrial districts.
17.16	Identify two causes of increased resistance or friction loss in water mains.
18.0	Use private fire protection systems--The student will be able to:
18.01	Identify a fire department sprinkler connection and water motor alarm.
18.02	Connect hose line(s) to a fire department connection of a sprinkler or standpipe system.
18.03	Define how the automatic sprinkler heads open and release water.
18.04	Temporarily stop the flow of water from a sprinkler head using a wedge, tong, or stopper.
18.05	Define the value of automatic sprinklers in providing safety to the occupants in a structure.
18.06	Demonstrate carrying a 100 ft. attack line, 1 1/2" or larger, into a building, connecting it to a standpipe, and advancing from a standpipe.
18.07	Identify the "Main Control" valve on an automatic sprinkler system.
18.08	Operate a main control valve on an automatic sprinkler system from "open" to "closed" and then back to "open".
19.0	Demonstrate salvage procedures--The student will be able to:

19.01	Identify the purpose of salvage and its value to the public and the fire department.
19.02	Demonstrate the removal of debris, and the removal and routing of water from a structure.
19.03	Demonstrate the covering or closing of openings made during firefighting operations.
20.0	Demonstrate overhaul procedures--The student will be able to:
20.01	Identify the purpose of overhaul.
20.02	Recognize at least four (4) indicators of hidden fires.
20.03	Demonstrate searching for hidden fires.
20.04	Demonstrate how to separate and remove charred material from unburned material.
20.05	Demonstrate exposure of hidden fires by opening ceilings, walls, floors, and pulling apart burned materials.
20.06	Define duties of fire fighters left at the fire scene for fire and security surveillance.
21.0	Demonstrate knowledge of the fundamentals of extinguishment--The student will be able to:
21.01	Describe the tactics employed to fight wildland fires.
22.0	Demonstrate knowledge of the effects of building construction on fire fighting--The student will be able to:
22.01	Describe the basic structural characteristics of the following types of building construction:
	a. Wood frame
	b. Ordinary
	c. Heavy timber
	d. Noncombustible
	e. Fire resistant
22.02	Identify the general fire behavior expected with each type of building construction, including the spread of fire and the safety of the building, occupants, and firefighters.
22.03	Describe at least three hazards associated with truss and lightweight construction.
22.04	Identify dangerous building conditions created by fire and fire suppression activities.
22.05	Identify five indicators of building collapse.

22.06	Describe the effects of fire and firefighting activities on the following building materials:
a.	Wood
b.	Masonry
c.	Cast iron
d.	Steel
e.	Gypsum wallboard
f.	Reinforced concrete
g.	Glass
h.	Plaster on lath
22.07	Define the following terms as they relate to building construction:
a.	Load bearing
b.	Partition wall
c.	Veneer wall (exterior)
d.	Party wall
e.	Fire wall
f.	Cantilever wall
23.0	Participate in controlled burning exercises--The student will be able to:
23.01	Using the appropriate protective equipment, tools, and agents, extinguish a Class A fire inside of a structure.
23.02	Using the appropriate protective equipment, tools, and agents, extinguish an exterior Class A fire.
23.03	Using the appropriate protective equipment, tools, and agents, extinguish an exterior open pan of a Class B liquid.
23.04	Using the appropriate protective equipment, tools, and agents, extinguish a vehicle fire.
23.05	Using the appropriate protective equipment, tools and agents, extinguish a storage container (exterior dumpster/trash bin) fire.
24.0	Sexually transmitted diseases/emergency medical care--The student will be able to:

24.01	Apply infection control techniques designed to prevent the spread of sexually transmitted diseases to the care of <u>all</u> patients following Centers for Disease Control (CDC) guidelines.
25.0	Detect the presence of hazardous materials--The student will be able to:
25.01	Define hazardous materials.
25.02	Identify the Department of Transportation (DOT) hazard classes and divisions of hazardous materials and common examples of materials in each hazard class or division.
25.03	Identify the primary hazards associated with each of the DOT hazard classes and divisions of hazardous materials by hazard class or division.
25.04	Identify the difference between hazardous materials incidents and other emergencies.
25.05	Identify typical occupancies and locations in the community where hazardous materials are manufactured, transported, stored, used or disposed of.
25.06	Identify typical container shapes that can indicate hazardous materials.
25.07	Identify facility and transportation markings and colors that indicate hazardous materials, including the following:
	a. UN/NA identification numbers
	b. NFPA 704 markings
	c. Military hazardous materials markings
	d. Special hazard communication markings
	e. Pipeline markings
	f. Container markings
25.08	Given an NFPA 704 marking, describe the significance of the colors, numbers, and special symbols.
25.09	Identify U.S. and Canadian placards and labels that indicate hazardous materials.
25.10	Identify the basic information on Material Safety Data Sheets (MSDS) and shipping papers that indicates hazardous materials.
25.11	Identify where to find Material Safety Data Sheets (MSDS).
25.12	Identify entries on MSDS that indicate the presence of hazardous materials.
25.13	Identify the entries on shipping papers that indicate the presence of hazardous materials.
25.14	Match the name of the shipping papers found in transportation (air, highway, rail, and water) with the mode of transportation.
25.15	Identify the person responsible for having the shipping papers in each mode of transportation.

25.16	Identify where the papers can be found in an emergency in each mode of transportation.
25.17	Identify examples of clues (other than occupancy/location, container shape, markings/color, placards/labels, MSDS, and shipping papers) that use the senses of sight, sound and odor to indicate hazardous materials.
25.18	Describe the limitation of using the senses in determining the presence or absence of hazardous materials.
26.0	Collect hazardous materials--The student will be able to:
26.01	Identify the three methods for determining the appropriate guide page for a hazardous material.
26.02	Identify the two general types of hazards found on each guide page.
27.0	Initiate protective action--The student will be able to:
27.01	Identify the location of both the local emergency response plan and the organization's standard operating procedures.
27.02	Identify the role of the first responder at the awareness level during a hazardous materials incident.
27.03	Identify the basic precautions to be taken to protect themselves and others in a hazardous materials incident.
27.04	Identify the precautions necessary when providing emergency medical care to victims of hazardous materials incidents.
27.05	Identify typical ignition sources found at the scenes of hazardous materials incidents.
27.06	Identify the ways hazardous materials are harmful to people, the environment, and property at hazardous materials incidents.
27.07	Identify the general routes of entry for human exposure to hazardous materials.
27.08	Given the identify of various hazardous materials (name, UN/NA identification number, or type placard), identify the following response information:
	a. Emergency action (fire, spill, or leak and first aid)
	b. Personal protective equipment necessary
	c. Initial isolation and protective action distances
27.09	Given the name of a hazardous material, identify the recommended personal protective equipment from the following list:
	a. Street clothing and work uniforms
	b. Structural fire-fighting protective clothing
	c. Positive pressure self-contained breathing apparatus
	d. Chemical-protective clothing and equipment

27.10	Identify the definitions for each of the following protective actions:
	a. Isolation of the hazard area and denial of entry
	b. Evacuation
	c. Sheltering in-place protection
27.11	Identify the shapes of recommended initial isolation and protective action zones.
27.12	Describe the difference between small and large spills as found in the table of Initial Isolation and Protective Action Distances.
27.13	Identify the circumstances under which the following distances are used at a hazardous material incident:
	a. Table of initial isolation and protective action distance
	b. Isolation distances in the numbered guides
27.14	Describe the difference between the isolation distances in the orange-bordered guide pages and the protective action distances in the green-bordered pages in the document.
27.15	Identify the techniques used to isolate the hazard area and deny entry to unauthorized persons at hazardous materials incidents.
28.0	Initiate the notification process--The student will be able to:
28.01	Given either a facility or transportation scenario involving hazardous materials, identify the appropriate initial notifications to be made and how to make them, consistent with the local emergency response plan or the organization's standard operating procedures.
29.0	Fire prevention, public fire education, and fire cause determination--The student will be able to:
29.01	Identify five (5) common causes of fires and their prevention.
29.02	Define the importance of inspection and public fire education programs to fire department public relations and the community.
29.03	Demonstrate inspection procedures for private dwellings.
29.04	Present a prepared program to an identified audience, given a lesson plan, time allotment, and instructional materials for the following topics:
	a. Stop, drop and roll
	b. Crawl low in smoke
	c. Escape planning
	d. Alerting others

	e. Calling the fire department
	f. Fire station tour
	g. Residential smoke detector placement and maintenance
29.05	Document the presentation of a program covered in 70.04, given a reporting form that includes:
	a. Program title
	b. Number of participants
	c. Evaluations
30.0	Demonstrate knowledge of fire pump ratings--The student will be able to:
30.01	Define fire pump ratings.
30.02	Interpret fire pump ratings.
31.0	Demonstrate knowledge of the relationship between flow and pressure--The student will be able to:
31.01	Define flow.
31.02	Define pressure.
31.03	Discuss the mathematical relationship between flow and pressure.
31.04	Perform calculations based on the formulas expressing the relationship between flow and pressure.
32.0	Demonstrate knowledge of the Six Rules of Hydraulics and Fireground Rules of Thumb--The student will be able to:
32.01	List and define the Six Rules of Hydraulics.
32.02	List and define the Fireground Rules of Thumb.
33.0	Demonstrate knowledge of hydrant capacity, standpipes, and sprinklers--The student will be able to:
33.01	Identify major components of fire hydrants.
33.02	Identify major types of fire hydrants.
33.03	Identify major components of standpipe systems.
33.04	Identify major components of sprinkler systems.

33.05	Identify major types sprinkler heads.
33.06	Identify major components of municipal water systems.
33.07	Identify major components of static water supply.
34.0	Demonstrate knowledge of friction loss and nozzle reaction--The student will be able to:
34.01	Define friction loss.
34.02	Calculate friction loss over different lengths and diameters of fire hose.
34.03	Define nozzle reaction.
34.04	Discuss nozzle reaction with different types of nozzle at different pressures.
35.0	Demonstrate knowledge of relay pumping--The student will be able to:
35.01	Define relay pumping.
35.02	Perform the calculations to determine the relay set-up to deliver the desired flow.
36.0	Demonstrate ability to perform basic hydraulic calculations given the required formulas--The student will be able to:
36.01	Calculate flow rates.
36.02	Calculate tip pressures.
36.03	Calculate pumping capacity.
37.0	Demonstrate the ability to drive the following patterns: (a) serpentine, (b) alley dock, (c) opposite alley and, (d) diminishing clearance--The student will be able to:
37.01	Drive the serpentine course without error.
37.02	Drive the alley dock exercise without error.
37.03	Drive the opposite alley exercise without error.
37.04	Drive the diminishing clearance exercise without error.
38.0	Demonstrate the ability to position an apparatus for hydrant hook-up and drafting--The student will be able to:
38.01	Park the apparatus in position for catching the hydrant.
38.02	Park the apparatus in position for drafting.

39.0	Demonstrate the ability to recognize cavitation, water hammer, overheating, and unusual noises--The student will be able to:
39.01	Define cavitation.
39.02	Discuss measures to prevent cavitation.
39.03	Define water hammer.
39.04	Discuss measures to prevent water hammer.
39.05	Define overheating.
39.06	Discuss measures to prevent overheating.
39.07	Discuss troubleshooting pump operations by listening.
40.0	Demonstrate the ability to draft, tandem and relay pumping--The student will be able to:
40.01	Define drafting.
40.02	Define tandem pumping.
40.03	Perform drafting operations.
40.04	Perform tandem pumping operations.
40.05	Perform relay pumping operations.
41.0	Demonstrate the ability to perform apparatus inspections, testing, and routine service functions--The student will be able to:
41.01	Set up appropriate preventative maintenance schedules.
41.02	Perform complete apparatus inspection prior to operations.
41.03	Test apparatus components prior to use.
41.04	Discuss routine service and maintenance activities for fire apparatus.
42.0	Demonstrate knowledge of NFPA 1901 and applicable state laws and rules--The student will be able to:
42.01	List and discuss key provisions of NFPA 1901.
42.02	List and discuss key provisions of the Florida statutes relative to fire apparatus.
43.0	Demonstrate knowledge of single and multi-stage pumps, pump piping, and the pumping process--The student will be able to:

43.01	Identify major components of single-stage pumps.
43.02	Identify major components of multi-stage pumps.
43.03	Identify major components of pump piping.
43.04	List major steps of the pumping process.
44.0	Demonstrate knowledge of static, positive, and gravity water sources--The student will be able to:
44.01	Define static water sources.
44.02	Define positive water sources.
44.03	Define gravity water sources.
45.0	Demonstrate knowledge of pressure control, priming devices, and cooling systems--The student will be able to:
45.01	Define pressure controls and demonstrate operation of each major type.
45.02	Define priming devices.
45.03	Identify major components of primary and auxiliary cooling systems.
46.0	Demonstrate knowledge of emergency vehicle driving characteristics and defensive driving techniques--The student will be able to:
46.01	Discuss the driving characteristics of emergency vehicles.
46.02	Discuss defensive driving techniques.
47.0	Demonstrate knowledge of gauges and valves--The student will be able to:
47.01	Identify all gauges on a typical pumper apparatus.
47.02	Read all gauges on a typical pumper apparatus.
47.03	Identify all valves on a typical pumper apparatus.
47.04	Operate all valves on a typical pumper apparatus.
Course Number: FFP0363	
Occupational Completion Point: D	
Emergency Vehicle Operator Course (EVOC) –20 Hours – SOC Code 53-3099	
48.0	Program logistics and focus--The student will be able to:
48.01	Understand the goal of the emergency vehicle driver training program.

48.02	Recognize the importance of an emergency vehicle driver training program.
48.03	Identify the elements of a comprehensive emergency vehicle driver training program.
49.0	Extent of the problem--The student will be able to:
49.01	Understand the complexities of driving under emergency conditions and the existence of laws governing emergency vehicle operations.
49.02	Recognize the high incidence of accidents involving emergency vehicles and the associated deaths and injuries to emergency service personnel and members of the public.
49.03	Know the types, conditions, and causes of accidents involving emergency vehicles and their impact upon all concerned.
49.04	Recognize the factors that contribute to the incidence of accidents involving emergency vehicles.
50.0	Personnel selection--The student will be able to:
50.01	Recognize that personnel selection procedures are the first steps in developing an effective emergency vehicle driver program.
50.02	Understand that the human aspects of emergency vehicle driver selection are an important component in the driver selection.
50.03	Recognize that a number of abilities necessary for driving emergency vehicle must be acquired.
50.04	Recognize that importance of maintaining accurate and complete personnel records both for the protection of the emergency service organization and the individual emergency vehicle driver.
50.05	Understand that importance of maintaining emergency vehicle driving proficiency through an on-going recertification program.
51.0	Necessity of Standard Operating Guidelines--The student will be able to:
51.01	Understand the reasons that development and implementation of Standard Operating Guidelines (SOG) are important to operating an effective emergency vehicle driver training program
51.02	Recognize the subject areas necessary for SOG's that impact the certification, operation, and recertification of emergency vehicle drivers.
52.0	Legal aspects of emergency vehicle driving--The student will be able to:
52.01	Understand the changing legal climate which exists and its impact upon emergency vehicle drivers and the associated emergency services organizations.
52.02	Identify the primary legal principles which affect emergency vehicle drivers and recognize their implications upon emergency vehicle operations.
52.03	Recognize that specific state driving laws affect the emergency vehicle driver.
52.04	Recognize that individual state or local laws, standards, and requirements impact emergency vehicle driver training and operations
53.0	Vehicle dynamics--The student will be able to:

53.01	Understand the physical forces which act upon vehicles and their impact upon vehicle handling.
53.02	Recognize that certain vehicle characteristics can influence the impact of physical forces on emergency vehicles.
54.0	Vehicle inspection and maintenance--The student will be able to:
54.01	Understand the value and importance of regular inspections of emergency vehicles to ensure safe operations.
54.02	Identify the major component systems of an emergency vehicle and recognize their contribution to the vehicle's operations.
54.03	Understand how to perform pre and post-trip inspections.
54.04	Understand the various classes of preventative maintenance and the importance of a preventative maintenance program for emergency vehicles.
54.05	Recognize the role of the emergency vehicle driver in performing certain vehicle inspection and maintenance functions.
54.06	Understand the importance of keeping accurate and complete records.
55.0	Vehicle operations and safety--The student will be able to:
55.01	Recognize that motivation is both physically and mentally based; and, when motivated, positive change in individuals can be accomplished
55.02	Understand that there are a number of important actions which must be completed prior to initiating the driving of any emergency vehicle.
55.03	Recognize that emergency response driving is a complex process involving many factors, tasks, and maneuvers.
56.0	Emergency vehicle competency--The student will be able to:
56.01	Understand the purpose of successfully completing a competency course as a component of an emergency vehicle driver training program.
56.02	Recognize the importance of safe operations and specific safety precautions when participating on an emergency while driver training competency course.
56.03	Understand the method of scoring for evaluating an emergency vehicle driver completing the competency course.
57.0	Straight line exercise--The student will demonstrate:
57.01	Operation of the vehicle within close quarters both in forward and reverse directions at a steady speed.
57.02	Adjusting the mirrors for proper viewing, make minor adjustments in steering, and gain confidence in traversing a restricted area.
58.0	Confined space turnaround exercise--The student will demonstrate:
58.01	Become familiar with the turning radius of the vehicle.
58.02	Depth perception involving the placement of the rear of the vehicle as seen through the vehicle's mirrors.

59.0	Alley dock exercise–The student will demonstrate:
59.01	Positioning the emergency vehicle to back into a confined space.
59.02	The judgment of depth perception and distance using the vehicle’s mirrors to position the rear of the vehicle at or close to a fixed point.
60.0	Serpentine exercise–The student will demonstrate:
60.01	The location of the corners of the vehicle for maneuverability purposes.
60.02	The turning radius of the vehicle while proceeding forward and backward.
60.03	Utilize both mirrors of the vehicle during one continuous exercise.
60.04	Confidence in the use of mirrors for vehicle maneuvering
61.0	Off-set alley exercise–The student will demonstrate:
61.01	Become aware of the front and rear tracking of the vehicle.
61.02	Depth perception through the vehicle’s mirrors especially recognizing the location of the right rear wheel.
62.0	Parallel park exercise–The student will demonstrate:
62.01	Understanding of the importance of vehicle positioning prior to starting a movement that requires an exact right side placement.
62.02	Turning radius of the vehicle as it impacts restricted space placement.
62.03	The position of the right front extremity of the vehicle while completing a maneuver.
62.04	Placement of the right side of the vehicle at a specific point utilizing the vehicle’s mirrors.
63.0	Diminishing clearance exercise–The student will demonstrate:
63.01	The importance of properly aligning a vehicle when entering a very confined asymmetrical area.
63.02	Traveling through a continually more finding restricted area.
64.0	Stopping exercise–The student will demonstrate:
64.01	The positioning of the front of the vehicle.
64.02	Break smoothly and precisely while bringing the vehicle to a stop at a specified point.

Course Number: FFP0142
Occupational Completion Point: E
Medical First Responder – 40 Hours – SOC Code 29-2041

65.0	Demonstrate proficiency in first responder to medical emergencies techniques--The student will be able to:
65.01	Conduct a primary assessment of problems that are a threat to life if not corrected immediately.
65.02	Demonstrate the use, decontamination, disinfection, and disposal of personal protective equipment used for protection from infection.
65.03	Perform the following procedures as defined in the Journal of the American Medical Association, "Standards and Guidelines for Cardiopulmonary Resuscitation (CPR) and Emergency Cardiac Care (ECC)":
	a. Single-rescuer CPR
	<ul style="list-style-type: none"> • Adult
	<ul style="list-style-type: none"> • Child
	<ul style="list-style-type: none"> • Infant
	b. Two-rescuer CPR on an adult
	c. Management of an obstructed airway
	<ul style="list-style-type: none"> • Conscious and unconscious adult
	<ul style="list-style-type: none"> • Conscious and unconscious child
	<ul style="list-style-type: none"> • Conscious and unconscious infant
65.04	Demonstrate the use of a resuscitation mask in the performance of single- and two-rescuer CPR.
65.05	Identify three (3) types of external bleeding and the characteristics of each type.
65.06	Demonstrate three (3) procedures for controlling external bleeding.
65.07	Identify characteristics and emergency medical care of thermal burns according to degree and severity.
65.08	Identify the emergency medical care for chemical burns, including chemical burns of the eyes.
65.09	Identify the symptoms and demonstrate emergency medical care of traumatic shock.
65.10	Identify the symptoms and demonstrate emergency medical care for ingested poisons and drug overdoses.
65.11	Identify the method of contacting the poison control center that serves the local jurisdiction.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

See the following website for additional information: <http://www.myfloridacfo.com/Division/SFM/BFST/Standards/default.htm>

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics 10, Language 10, and Reading 10. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as

instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fl DOE.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Fire Instructor
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430207
CIP Number	0743029900
Grade Level	30, 31
Standard Length	120 Hours
Teacher Certification	FIRE FIGHT @7 7G
CTSO	N/A
SOC Codes (all applicable)	25-1194 Vocational Education Teachers, Post-secondary
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Financial Services/State Fire College for information regarding basic skills.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of one occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3)(b), F.S.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	FFP0160	Fire Instructor I	40 hours	25-1194
B	FFP0161	Fire Instructor II	40 hours	25-1194
C	FFP0162	Fire Instructor III	40 hours	25-1194

Special Notes

Instructor I, II and III Requirements:

Instructor I

- Minimum 6 years' experience with organized fire department
- High school graduate
- Physical ability to perform tasks
- Completion of Fire Service Course Delivery
- Pass state test
- May teach courses in which they are certified

Instructor II

- Same as Instructor I plus:
 - Associates degree or higher
 - Completed Fire Service Course Design
 - May teach any class recognized by Bureau of Fire Standards and Training (BFST) that they can provide verification of successful completion of said class

Instructor III

- Same requirements and approved teaching assignments as Instructor II except:
 - Requires bachelor's degree or higher
 - No state testing required at this time

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Understand adult learning strategies and concepts.
- 02.0 Begin an active training program.
- 03.0 Gain leadership of the training group.
- 04.0 Give presentations and lead discussions.
- 05.0 Facilitate structured activities and promote team learning.
- 06.0 Conclude and evaluate an active training program.
- 07.0 List and describe the five phases of the instructional design process.
- 08.0 Construct goals and objectives for a class.
- 09.0 Explain how a lesson plan is used.
- 10.0 Develop a plan for professional development as a fire service instructor.
- 11.0 Describe the role of mentors.
- 12.0 Identify various continuing professional development opportunities.
- 13.0 Discuss the value of using a library as fire service instructors.
- 14.0 Describe research as it pertains to the fire service instructor.
- 15.0 Describe various ways to obtain professional development opportunities.
- 16.0 Describe Fire and Emergency Services Higher Education (FESHE) and how it affects the fire service instructor.
- 17.0 Discuss the benefits of Training Resources and Data Exchange (TRADE) to the fire service Instructor.
- 18.0 Establish a classroom environment that meets the legal ramifications as specified by local, state, and federal rules, regulations, and standards.
- 19.0 Discuss the NFPA role in standards development.
- 20.0 List and relate the various NFPA standards relative to the fire service instructor.
- 21.0 List and discuss the role of local, state, and federal agencies relative to the fire service instructor.
- 22.0 Define negligence and its effect on the fire service instructor.
- 23.0 Describe what constitutes harassment.
- 24.0 Discuss academic honesty and privacy issues.
- 25.0 Explain the effects of ADA relative to fire service instructors.
- 26.0 Explain copyright and how it applies to instructors.
- 27.0 Construct, administer, and evaluate an assessment instrument.
- 28.0 Define the four levels of evaluation.
- 29.0 Differentiate between summative and formative evaluation.
- 30.0 Define the different kinds of tests.
- 31.0 Discuss the difference among the various types of tests.
- 32.0 List various sources for tests.

Florida Department of Education
Student Performance Standards

Program Title: Fire Instructor
PSAV Number: P430207

Course Number: FFP0160
Occupational Completion Point: A
Fire Instructor I – 40 Hours – SOC Code 25-1194

01.0 Understand adult learning strategies and concepts--The student will be able to:

01.01 Understand the nature of adult learning.

01.02 Discuss the concerns about active training.

01.03 Understand the concepts involved in the delivery of active training.

02.0 Begin an active training program--The student will be able to:

02.01 Prepare mentally to instruct.

02.02 Arrange the physical training environment.

02.03 Greet participants and establish rapport.

02.04 Get the best from the first thirty minutes of training.

02.05 Review the agenda.

02.06 Invite feedback to the agenda.

03.0 Gain leadership of the training group--The student will be able to:

03.01 Set group norms.

03.02 Control timing and pacing.

03.03 Get the group's attention.

03.04 Increase student receptivity to leadership.

03.05 Handle problem situations.

04.0 Give presentations and lead discussions--The student will be able to:

04.01	Know their group.
04.02	Organize their presentation.
04.03	Watch their body language.
04.04	Add visual aids.
04.05	Make smooth transitions.
05.0	Facilitate structured activities and promote team learning--The student will be able to:
05.01	Structure activities.
05.02	Facilitate team learning.
06.0	Conclude and evaluate an active training program--The student will be able to:
06.01	Review program content.
06.02	Obtain final questions and concerns.
06.03	Promote self-assessment.
06.04	Focus on back-on-the-job applications.
06.05	Express final sentiments.
06.06	Evaluate the program.

Course Number: FFP0161
Occupational Completion Point: B
Fire Instructor II – 40 Hours – SOC Code 25-1194

07.0	List and describe the five phases of the instructional design process.
08.0	Construct goals and objectives for a class.
09.0	Explain how a lesson plan is used.
10.0	Develop a plan for professional development as a fire service instructor.
11.0	Describe the role of mentors.
12.0	Identify various continuing professional development opportunities.
13.0	Discuss the value of using a library as fire service instructors.

14.0	Describe research as it pertains to the fire service instructor.
15.0	Describe various ways to obtain professional development opportunities.
16.0	Describe Fire and Emergency Services Higher Education (FESHE) and how it affects the fire service instructor.
17.0	Discuss the benefits of Training Resources and Data Exchange (TRADE) to the fire service Instructor.
18.0	Establish a classroom environment that meets the legal ramifications as specified by local, state, and federal rules, regulations, and standards.
19.0	Discuss the NFPA role in standards development.
20.0	List and relate the various NFPA standards relative to the fire service instructor.
21.0	List and discuss the role of local, state, and federal agencies relative to the fire service instructor.
22.0	Define negligence and its effect on the fire service instructor.
23.0	Describe what constitutes harassment.
24.0	Discuss academic honesty and privacy issues.
25.0	Explain the effects of ADA relative to fire service instructors.
26.0	Explain copyright and how it applies to instructors.
27.0	Construct, administer, and evaluate an assessment instrument.
28.0	Define the four levels of evaluation.
29.0	Differentiate between summative and formative evaluation.
30.0	Define the different kinds of tests.
31.0	Discuss the difference among the various types of tests.
32.0	List various sources for tests.

Course Number: FFP0162
Occupational Completion Point: C
Fire Instructor III – 40 Hours – SOC Code 25-1194

This is not a stand-alone course but the below requirements:

- Same requirements and approved teaching assignments as Instructor II except:

- Requires bachelor's degree or higher
- No state testing required at this time

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics 10, Language 10, and Reading 10. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Private Investigator Intern
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P430208
CIP Number	0743010907
Grade Level	30, 31
Standard Length	40 hours
Teacher Certification	Law Enforcement @ 7 7G Public Service 7 G
CTSO	N/A
SOC Codes (all applicable)	33-9021 Private Detectives and Investigators
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Agriculture and Consumer Services/Division of Licensing for information regarding basic skills.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety & Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety & Security career cluster.

The purpose of this program is to prepare students for employment as Private Investigator Interns (SOC 33-9021) in accordance with the requirements of Chapter 33 of the Code of Federal Regulations (33 CFR), the requirements of the Florida Department of Agriculture and Consumer Services (DOACS) Chapter 493, Florida Statutes (F.S.), and Chapter 5N-1, Florida Administrative Code (F.A.C.). Reinforcement of basic skills in language and reading, appropriate for the job, is provided through preparatory classroom instruction and applied laboratory procedures and practice. This program focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the public service industry: planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community involvement, health, and environmental safety issues.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of two occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3)(b), F.S.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	SCY0051	Private Investigator Intern 1	24 hours	33-9021
B	SCY0052	Private Investigator Intern 2	16 hours	

Common Career Technical Core – Career Ready Practices

Career Ready Practices describe the career-ready skills that educators should seek to develop in their students. These practices are not exclusive to a Career Pathway, program of study, discipline or level of education. Career Ready Practices should be taught and reinforced in all career exploration and preparation programs with increasingly higher levels of complexity and expectation as a student advances through a program of study.

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly, effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.
10. Plan education and career path aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural/global competence.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Understand Chapter 493, Florida Statute and Chapter 5n-1, Florida Administrative Code.
- 02.0 Under the intern/sponsor relationship as required by Chapter 493, section 6116, F.S.
- 03.0 Professional ethics.
- 04.0 Legal issues; liability.
- 05.0 Surveillance.
- 06.0 Report writing.
- 07.0 Equipment for private investigation.
- 08.0 Interviewing and truth verification.
- 09.0 Sources of information.
- 10.0 The computer and investigations.
- 11.0 Restriction on records.
- 12.0 Locating people and performing background investigations.
- 13.0 Evidence.
- 14.0 Executive protection.
- 15.0 Anti-terrorism.
- 16.0 Courtroom and formal hearing demeanor and practice for private investigators.
- 17.0 Pretrial responsibilities.
- 18.0 Specific responsibilities.
- 19.0 The investigator as witness.
- 20.0 The investigator on the stand.
- 21.0 Self-evaluation as a witness.

Florida Department of Education
Student Performance Standards

Program Title: Private Investigator Intern
PSAV Number: P430208

Course Number: SCY0051
Occupational Completion Point: A
Private Investigator Intern 1 – 24 Hours – SOC Code 33-9021

01.0	Understand Chapter 493, Florida statute and chapter 5n-1, Florida Administrative Code--The students will be able to:
01.01	Understand Chapter 493, F.S. and 5N-1, F.A.C.
01.02	Discuss the regulation requirements of the private security industry.
01.03	Demonstrate knowledge of the definitions listed in Chapter 493.6101, F.S.
01.04	Identify those who may perform the duties of private investigator, but to whom Chapter 493, F.S. does not apply.
01.05	Understand the process involved in the initial application for licensure as outlined in Section 493.6105, F.S. and 5N-1.120 F.A.C.
01.06	Understand the licensure and posting requirements specified in Section 493.6106 and 493.6203, F.S.
01.07	Recognize that the DOACS shall conduct an investigation of an applicant prior to the issuance of a license, and that the investigation will include the items listed in Section 493.6108, F.S.
01.08	Understand the licensing identification requirements as described in 493.6111.
01.09	Understand license contents and duration, and the requirement to carry such license while on duty as a private investigator intern as stated in Section 693.6111, F.S.
01.10	Understand the responsibilities associated with the sponsorship of interns as stated in Section 493.6116 (1) F.S.
01.11	Understand the penalties for violations of statute per Section 493.6120.
01.12	Know the requirements and procedures of license renewal per Section 493.6113, F.S.
01.13	Understand the requirements of Section 493.6114, F.S., for canceling or inactivating a license.
01.14	Understand the prohibitions to carrying a weapon or firearm as listed in Section 493.6115, F.S.
01.15	Discuss the grounds for disciplinary action by the DOACS against a licensee, agency or applicant as specified in Section 493.6118, F.S.
01.16	Understand the penalties for violation of the provisions of Chapter 493 F.S. as listed in Section 5N-1.113, F.A.C.

01.17	Understand the restrictions against the use of the state of Florida seal as stated in Section 493.6124, F.S.
01.18	Know the applicable fees, different classes, purposes and costs of licenses listed in Sections 493.6201-493.6202, F.S. and Section 5N-1.116, F.A.C.
01.19	Recognize that complaints as defined in Chapter 493, F.S. and 5N-1, F.A.C., shall be filed with and investigated by the DOACS if probable cause exists that a violation has occurred.
01.20	Understand license issuance, operation and transferability as described in 5N-1.120(1).
01.21	Understand prohibited activities and requirements as listed in Section 5N-1.124, F.A.C.
01.22	Be familiar with the licensure requirements for firearm instructors, schools and training facilities as stated in Sections 5N-1.134 and 5N-1.138 F.A.C.
01.23	Understand the restrictions for divulging investigative information and false reporting as stated in Section 493.6119, F.S.
01.24	Explain the need for confidentiality per Section 493.6122, F.S.
01.25	Explain unlawful symbols of authority per Sections 843.085 and 493.6118.
01.26	Understand the restrictions on carrying ammunition as specified in Section 5N-1.129, F.A.C.
01.27	Be familiar with the licensure requirements for firearms instructors, schools and training facilities as stated in Section 5N-1.134, F.A.C.
01.28	Be familiar with the school curriculum, examination and record retention requirements as stated in Section 5N-1.140, F.A.C.
02.0	Under the intern/sponsor relationship as required by Chapter 493, section 6116, F.S.--The students will be able to:
02.01	Understand the responsibilities associated with the sponsorship of interns as stated in Section 493.6116 (1) F.S.
02.02	Be familiar with the letter of intent to sponsor private investigator intern as stated in Section 493.6116 (2) F.S.
02.03	Be familiar with the process of termination/completion of sponsorship as stated in Section 493.6116 (5) F.S.
02.04	Be familiar with the intern semi-annual progress report requirement as stated in Section 493.6116 (5) F.S.
02.05	Understand the Employee Action Report and its relationship among interns, sponsors, and licensed private investigation agencies.
02.06	Understand the concept of "direction and control" of interns by their sponsors.
02.07	Know the definition of "subcontractor" as defined by the Internal Revenue Service.
02.08	Understand the prohibitions under Chapter 493, Florida Statute as it relates to being paid for services rendered.
03.0	Professional ethics--The students will be able to:
03.01	Understand the client/investigator relationship.

03.02	Recognize the importance of the initial client interview.
03.03	Understand whether a client's intentions are legal and ethical.
03.04	Explain how to establish a clear understanding of the client's goals and contract.
03.05	Understand the need to work the case in a timely and cost-effective manner.
03.06	Understand the need to provide regular updates and reports.
03.07	Explain the need for confidentiality.
03.08	Recognize the need to disseminate information.
03.09	Identify potential conflicts of interests.
03.10	Understand the need to provide a quality work product.
03.11	Understand the need to provide detailed reports and invoices.
03.12	Understand the concept of "truth in advertising".
03.13	Understand the procedure for Agency-to-Agency billing.
04.0	Legal issues, liability--The student will be able to:
04.01	Explain Civil and Criminal liabilities/law enforcement notification requirement.
04.02	Identify "Invasion of Privacy"/the correct way of conducting audio/video surveillance.
04.03	Understand the legal parameters of trespassing.
04.04	Explain the legal ramifications resulting from falsification of information on reports.
04.05	Explain the legal ramifications of misrepresentation of authority.
04.06	Understand the proper release of information.
04.07	Demonstrate proper chain of custody procedure and explain the legal consequences for evidence tampering.
05.0	Surveillance--The student will be able to:
05.01	Understand the appropriate use and need for surveillance.
05.02	Demonstrate the ability to plan surveillance, formal and informal.
05.03	Understand the need for precaution when conducting surveillance.

05.04	Explain the different techniques for conducting surveillance.
05.05	Explain the techniques and issues involved on a vehicular surveillance.
06.0	Report writing--The student will be able to:
06.01	Understand the need for taking accurate field notes\prerequisite for good reporting.
06.02	Explain the five elements of report writing referred to as Who, What, When, Where, and How.
06.03	Demonstrate proper procedures in efficient and accurate report writing.
06.04	Understand the importance of proofreading and editing.
06.05	Explain importance of proper punctuation, capitalization and spelling.
06.06	Explain sources available for grammar guidance.
07.0	Equipment for private investigation--The student will be able to:
07.01	Understand appropriate legal issues as it relates to private investigations.
07.02	Demonstrate basic knowledge of specialty investigation equipment.
07.03	Demonstrate basic knowledge on the proper\legal use of audio recorder/audio recording.
07.04	Demonstrate basic knowledge on the proper\legal use of video recorders/video recording.
07.05	Demonstrate basic knowledge on the proper\legal use of still cameras\still photography.
07.06	Understand when to use photography on surveillance.
08.0	Interviewing and truth verification--The student will be able to:
08.01	Understand the importance of interviews as part of an investigation.
08.02	Understand the interview as a basic tool of investigation.
08.03	Explain the primary purpose of an interview – obtain information.
08.04	Define the principle types of interviews – Complainant, Witness, Suspect, Subject, and other interviews that are applicable.
08.05	Understand the need for training to be an effective interviewer.
08.06	Explain the personal traits, attitude and conduct of a successful interviewer.
08.07	Be familiar with the variables that prevent an interviewer from doing an effective job.

08.08	Identify the basic qualifications of the interviewer.
08.09	Identify the types of interviewees.
08.10	Explain the variables that discourage talking.
08.11	Explain the variables that encourage talking.
08.12	Identify the general rules of the interview – Preparation, the Opening, Body Language, Proper Questioning, and Proper Closing.
09.0	Sources of information--The student will be able to:
09.01	Understand Florida's "open records state" laws.
09.02	Explain difference between public and private records.
09.03	Identify categories of public and private records.
09.04	Demonstrate how to research public records.
09.05	Identify public records vendors.
09.06	Understand how to avoid information pitfalls\verifying all information.
09.07	Identify information resources available in the internet.
10.0	The computer and investigations--The student will be able to:
10.01	Explain terminology common operating a computer.
10.02	Demonstrate basic computer knowledge.
10.03	Identify different types of computers.
10.04	Identify software available to assist in investigations.
10.05	Identify the tools available to the investigator on the internet.
11.0	Restriction on records-The student will be able to:
11.01	Define the objectives of the Fair Credit Reporting Act.
11.02	Define the objectives of the Gramm-Leach-Bliley Act.
11.03	Explain what information NCIC stands for and what restrictions it places on obtaining certain records.

Course Number: SCY0052
Occupational Completion Point: B
Private Investigator Intern 2 – 16 Hours – SOC Code 33-9021

12.0 Locating people and performing background investigations--The student will be able to:

12.01 Understand how to conduct "skip tracing".

12.02 Identify the fundamentals of background Investigations.

12.03 Understand credit reports and the information contained therein.

12.04 Explain what and how to conduct conviction history checks.

12.05 Demonstrate how to verify employment.

12.06 Demonstrate how to verify workers' compensation claims and their validity.

12.07 Demonstrate how to verify educational history and their validity.

12.08 Identify privacy laws as they apply to motor vehicle checks.

12.09 Demonstrate how to present gathered information.

13.0 Evidence--The student will be able to:

13.01 Understand the importance of evidence and explain applicable terminology as it relates to gathering evidence.

13.02 Explain the procedure when searching for evidence.

13.03 Demonstrate the proper procedure for collecting and presenting evidence.

13.04 Explain comparison and analysis of evidence.

13.05 Identify what may constitute evidence in vehicular accidents.

13.06 Explain fire cause and origin evidence.

13.07 Understand role of an expert witness.

13.08 Explain evidence admissibility within the parameters of a legal proceeding.

13.09 Identify potential evidence in workplace\individual accidents.

13.10 Identify evidence in maritime investigations.

14.0 Executive protection--The student will be able to:

14.01	Explain the basics of executive protection.
14.02	Identify the proper procedure for evaluating risk.
14.03	Demonstrate protective techniques.
14.04	Identify the skills necessary for protection service.
14.05	Explain the bodyguard\client relationship.
14.06	Understand the techniques for dealing\working with difficult clients.
14.07	Identify possible booby traps and explosives.
14.08	Explain how to work with law enforcement within executive protection parameters.
15.0	Anti-terrorism--The student will be able to:
15.01	Describe different types of terrorism.
15.02	Identify major terrorist groups.
15.03	Understand different terrorist acts.
15.04	Explain where to report any terrorist activity.
16.0	Courtroom and formal hearing demeanor and practice for private investigators--The student will be able to:
16.01	Explain why case preparation is the most important element in being a good witness in a judicial proceeding.
16.02	Discuss when case preparation begins.
16.03	Identify the basic tools for all investigations – good notes, accurate documentation, evidence, and reliable witness statements.
17.0	Pretrial responsibilities--The student will be able to:
17.01	Understand the general responsibilities regarding pre-trial preparation.
17.02	Demonstrate a basic understanding of the ‘rules of evidence’.
17.03	Demonstrate a basic knowledge of court procedures.
17.04	Identify the duties of each court official –witness, judge, jury, prosecutor, and defense attorney.
18.0	Specific responsibilities--The student will be able to:
18.01	Explain the need to review all investigative notes before trial.

18.02	Understand the need to have at least one pre-trial conference with the attorneys.
18.03	Understand the obligation to professionally represent the client.
18.04	Understand the necessity of making all evidence available at time of trial.
19.0	The investigator as witness--The student will be able to:
19.01	Understand that in court, the investigator is the same as any other witness, to only state the facts.
19.02	Explain proper conduct expected of an investigator while waiting to testify.
19.03	Describe proper attire for court appearances.
19.04	Discuss the importance of proper conduct and professional appearance as a witness.
20.0	The investigator on the stand--The student will be able to:
20.01	Discuss how to properly approach the witness stand when called to testify.
20.02	Demonstrate the correct manner to address court officials while testifying.
20.03	Understand the importance of relating the facts in logical and chronological order.
20.04	Explain common tactics used by opposing the attorney during cross-examination.
20.05	List "easy ways" to lose a court case.
21.0	Self-evaluation as a witness--The student will be able to:
21.01	Explain how an investigator's case preparation and appearance in court reflects on his\her competency.
21.02	Understand the need for constructive criticism from peers.
21.03	Discus the importance of learning from one's own mistakes.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

Effective **January 1, 2012**, a person applying for the Class “CC” Private Investigator Intern License will be required to submit proof of completion of all 40 hours of the total required training at the time of submitting an application for licensure to the Division. Applicants will no longer have the option of taking only 24 hours of training and deferring the remaining 16 hours of training until after the license has been issued.

<http://www.freshfromflorida.com/Divisions-Offices/Licensing/Private-Investigation>

The **Florida Department of Agriculture and Consumer Services (DOACS)** is responsible for establishing uniform minimum standards for the employment and training of full-time and part-time Private Investigators.

<https://licensing.freshfromflorida.com/forms/FormsRequest493.aspx>

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics N/A, Language N/A, and Reading N/A. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Program Title: Fire Fighter I/II
Program Type: Career Preparatory
Career Cluster: Law, Public Safety, & Security

PSAV

Program Number	P430210
CIP Number	0743011202
Grade Level	30, 31
Standard Length	398 Hours
Teacher Certification	FIRE FIGHT @7 7G
CTSO	N/A
SOC Codes (all applicable)	33-2011 Fire Fighters
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Mathematics: 10 Language: 10 Reading: 10

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster. This program offers a broad foundation of knowledge and skills to prepare students for employment in the fire science realm that ranges from a frontline fire fighter to entry level fire inspectors and investigators.

The Fire Fighter program content includes, but is not limited to, orientation to the fire service, fire alarms and communication, vehicles, apparatus and equipment, fire behavior, portable extinguishers, fire streams, fundamentals of extinguishment, ladders, hoses, tools and equipment, forcible entry, salvage, overhaul, ventilation, rescue, protective breathing equipment, first responder emergency medical techniques, water supplies, principles of in-service inspections, safety, controlled burning, and employability skills.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

Pursuant to 633.128, Florida Statutes, the Department of Financial Service, Division of State Fire Marshal, has established training requirements for firefighters and volunteer firefighters. These requirements are implemented by Rule 69A-37.055, Florida Administrative Code. This program is a planned sequence of instruction consisting of two occupational completion points. **(NOTE: The curriculum frameworks are subject to change by the Bureau of Fire Standards and Training (BFST) as IAW statutory or Florida Administrative Code (F.A.C.) rule changes.)**

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3)(b), F.S. **(NOTE: Bureau of Fire Standards and Training (BFST) course number system on their frameworks is not the same as SCNS. Ensure to report the FDOE SCNS Course Number.)**

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	FFP0010	Fire Fighter I	206 hours	33-2011
B	FFP0020	Fire Fighter II	192 hours	33-2011

Standards

The **Bureau of Fire Standards and Training (BFST)** is responsible for establishing uniform minimum standards for the employment and training of firefighters and volunteer firefighters and for establishing and maintaining firefighting training programs, curricula requirements, and certification of training schools and training school instructors.

The Curriculum Development staff is responsible for the design, implementation, maintenance, evaluation, and revision of job-related curricula for the Bureau of Fire Standards and Training (BFST) approved firefighters and volunteer firefighters, advanced, specialized, and specialized instructor training programs for fire fighters.

The **Bureau of Fire Standards and Training (BFST)** approved curricula is available at:

Fire Fighter I: http://www.myfloridacfo.com/Division/SFM/BFST/Training/documents/Syllabus_FirefighterPartI.pdf

Fire Fighter II: http://www.myfloridacfo.com/Division/SFM/BFST/Training/documents/Syllabus_FirefighterPartII.pdf

Special Notes

See the following website for additional information: <http://www.myfloridacfo.com/Division/SFM/BFST/Standards/default.htm>

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics 10, Language 10, and Reading 10. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.shtml>

Florida Department of Education
Curriculum Framework

Program Title: Police Service Aide
Program Type: Career Preparatory
Career Cluster: Law, Public Safety & Security

PSAV

Program Number	P439991
CIP Number	0743019903
Grade Level	30, 31
Standard Length	206 hours
Teacher Certification	LAW ENF @7 7G PUB SERV 7 G
CTSO	N/A
SOC Codes (all applicable)	33-3041 Parking Enforcement Workers 33-9099 Protective Service Workers, All others 13-1041 Compliance Officers
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml
Basic Skills Level	Contact the Florida Department of Law Enforcement for information regarding basic skills and the Criminal Justice Basic Abilities Examination.

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to prepare students for employment as Parking Enforcement Workers (SOC 33-3041), Traffic Crash Investigators (SOC 33-9099), Community Service Officers/Police Service Aides (SOC 33-9099) and Compliance Officers (SOC 13-1041). The program prepares students for employment as a Parking Enforcement Specialist (PES) or Traffic Crash Investigator (TCI) in accordance with Chapters 316 and 943, Florida Statutes (F.S.).

Section 316.640, F.S., mandates that a Florida Department of Law Enforcement (FDLE), Criminal Justice Standards and Training Commission (CJSTC) approved course be used to train civilians, employed by police departments, sheriff's offices or the Florida Highway Patrol, to investigate traffic crashes. Even though successful completion of this course is required to perform the duties of a non-sworn TCI, the CJSTC does not certify these individuals.

Additionally, this is an instructional program that prepares individuals to provide initial care to sick or injured persons. The First Responder is the first to arrive at the scene of an injury but does not have the primary responsibility for treating and transporting the injured person(s). First Responders may include law enforcement, correctional officers, correctional probation officers, life guards, fire services or basic life support non-licensed personnel who act as part of an organized emergency medical services team.

The content includes, but is not limited to, the employee's role, constitutional and criminal law, crash investigation, first responder techniques, traffic control, and police community relations as designated in minimum training requirements as established by the CJSTC.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program is a planned sequence of instruction consisting of three occupational completion points.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3)(b), F.S.

The following table illustrates the post-secondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
A	CJK0110	Parking Enforcement Specialist	16 hours	33-3041
B	CJK0112	Traffic Accident Investigator	80 hours	33-9099
C	CJK0114	Police Service Aide	110 hours	13-1041

Regulated Programs

The FDLE CJSTC student performance standards for First Responder were adapted and condensed from U.S. Department of Transportation Emergency Medical Services, First Responder Training Course, National Standard Curriculum Instructors Lesson Plan and American Society for Testing and Materials, Committee F-30. Administrators and instructors should refer to these materials for additional details.

First Responder certification is available through testing with the National Registry of Emergency Medical Technicians (NREMT). The NREMT may be contacted at 614-888-4484. (<http://vue.com/NREMT>)

Common Career Technical Core – Career Ready Practices

Career Ready Practices describe the career-ready skills that educators should seek to develop in their students. These practices are not exclusive to a Career Pathway, program of study, discipline or level of education. Career Ready Practices should be taught and reinforced in all career exploration and preparation programs with increasingly higher levels of complexity and expectation as a student advances through a program of study.

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly, effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.
10. Plan education and career path aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural/global competence.

Standards

After successfully completing this program, the student will be able to perform the following:

OCP A Parking Enforcement Specialist

- 01.0 Explain the role of the Parking Enforcement Specialist (PES).
- 02.0 Explain the role of the Parking Enforcement Specialist (PES) safety and awareness.
- 03.0 Explain the importance of knowledge sharing.
- 04.0 Explain the monitoring process for parking compliance.
- 05.0 Explain the interactions with the public.

OCP B Traffic Crash Investigator

- 06.0 State the authority of the Traffic Crash Investigator (TCI) as outlined in chapter 316.640.
- 07.0 List the procedures of the traffic crash scene management.
- 08.0 Describe how to properly execute scene management.
- 09.0 List the basic principles of traffic crash investigations.
- 10.0 Determine the causation of a crash.
- 11.0 Describe and demonstrate how to complete the onsite crash investigation.
- 12.0 Document and complete a crash report.
- 13.0 Define proper courtroom demeanor and testimony.

OCP C Police Service Aide/Traffic Control Officer

- 14.0 Explain the community service officer's/police service aide's role, ethics, and professionalism.
- 15.0 Demonstrate patrol procedures.
- 16.0 Demonstrate investigative report writing skills.
- 17.0 Conduct preliminary property crime investigations.
- 18.0 Define the role of the Traffic Control Officer (TCO).
- 19.0 Define Control and Direction Concepts and Procedures.

Florida Department of Education
Student Performance Standards

Program Title: Police Service Aide
PSAV Number: P439991

Course Number: CJK0110
Occupational Completion Point: A
Parking Enforcement Specialist – 16 Hours – SOC Code 33-3041

01.0	Standard #1 Explain the role of the parking enforcement specialist (PES)--The student will be able to:
01.01	Define the importance of understanding Florida State Statutes, violations, and enforcement concerns surrounding the Parking Enforcement Specialist position.
01.02	State what parking statutes are in Florida Statute 316, to include: <ul style="list-style-type: none"> a. Definitions as defined in (316.003). b. Define jurisdiction as explained in (316.006). c. Define powers of local authorities as explained in (316.008). d. Stopping, standing or parking outside of municipalities (316.194) e. Stopping, standing or parking prohibited in specified places (316.1945) f. Additional parking regulations (316.195) g. Parking for certain purposes prohibited (316.1951) h. Parking spaces for persons with have disabilities (316.1955) i. Parking violations; designated parking spaces for person with disabilities (316.1957) j. Out-of-state vehicles bearing identification of issuance to persons who have disabilities (316.1958) k. Handicap parking enforcement (316.1959) l. Exemption of vehicles according to (316.1964). m. Parking near rural mailbox during certain hours; penalties (316.1965) n. Liability for payment of parking ticket violations and other parking violations (316.1967) o. Obstruction of public streets, highways, and roads (316.2045) p. Leaving children unattended or unsupervised in motor vehicle; penalties; Authority of Law Enforcement Officer (316.6135) q. Enforcement (316.640). r. Disposition of fines and forfeitures collected for violations (316.660) s. Amount of penalties (316.18(6)). t. Jurisdiction and procedure for parking infractions (318.325) u. Definitions; general (320.01) v. Free motor vehicle license plate to certain disabled veterans (320.084(5)) w. Free motor vehicle license plates to veterans who use wheelchairs (320.0842) x. License plates for persons with disabilities eligible for permanent disabled parking permits (320.0843) y. License plates for members of Paralyzed Veterans of America (320.0845) z. Persons who have disabilities; issuance of disabled parking permits; temporary permits; permits for certain providers of

	<p>transportation services to persons who have disabilities (320.0848)</p> <p>aa. Electric vehicle charging stations (366.94(3)).</p> <p>bb. Parking spaces for persons who have disabilities (553.5041).</p> <p>cc. Assault and battery on law enforcement (784.07(2)).</p> <p>dd. Cruelty to animals (828.12(1)).</p> <p>ee. Local animal control or cruelty ordinances (828.27).</p> <p>ff. Resisting officer with violence (843.01).</p> <p>gg. Resisting officer without violence (843.02).</p>
01.03	State that Parking Enforcement Specialists get their authority and responsibilities from Florida Statute §316.640.
01.04	List the qualifications and limitations of a Parking Enforcement Specialist.
01.05	Explain how local ordinances affect operating procedures and vary by agency.
01.06	Explain how the State and national computer systems are used to obtain vehicle identification data, if required.
01.07	Define how the approved legal process regarding parking citations, the role to take when providing testimony, and documentation preparation and presentation for court, if required.
01.08	Identify the importance of professional demeanor and behavior while in court.
01.09	Identify appropriate body language, posture, and physical appearance while in court.
01.10	Identify proper speech and phrasing of answers when giving testimony.
01.11	Identify the purpose of taking an oath before court testimony begins.
01.12	Identify the importance of familiarization with and use of all evidence, reports, and exhibits.
01.13	Identify possible objections raised during court testimony.
02.0	Explain the role of the parking enforcement specialist (PES) safety and awareness--The student will be able to:
02.01	Define how to maintain safety and awareness of the surroundings and weather conditions encountered when enforcing parking.
02.02	Describe how to maneuver enforcement vehicle around parked vehicles, moving traffic, and road hazards safely when enforcing parking.
02.03	Demonstrate how to maneuver safely around parked vehicles, moving traffic, and road hazards while enforcing parking on foot.
02.04	Define safety and awareness guidelines that Parking Enforcement Specialists need to adhere to when interacting with the public to avoid potential safety concerns.
03.0	Explain the importance of knowledge sharing--The student will be able to:
03.01	Describe the importance of an informational briefing.
03.02	Retrieve and test the work equipment that is necessary to perform parking enforcement duties in the field to include vehicle equipment, electronic equipment, and communication equipment.

03.03	Operate agency-specified communication equipment with care per agency-specific policies and standard operating procedures. NOTE: If the agency uses 2-way radios, it needs to be discussed. Review proper radio procedures and the radio codes used by the agency.
04.0	Explain the monitoring process for parking compliance--The student will be able to:
04.01	Identify various paid parking systems and types of permitted parking utilized in an assigned work area.
04.02	Utilize or describe what a license plate recognition system device to monitor parking compliance and violations, if equipped.
04.03	Patrol the assigned area to issue citations appropriately for parking violations.
04.04	Define any scofflaw violations with the appropriate resource.
04.05	Describe how to photograph the violation, if applicable.
04.06	Input the appropriate observed violation onto the citation correctly.
04.07	Describe the proper agency-specified steps to issue a parking citation.
04.08	Describe the appropriate agency-specific policies and standard operating procedures for confiscating a disabled placard.
05.0	Explain the interactions with the public--The student will be able to:
05.01	Describe what resources or information are available in relation to inquiries from the public.
05.02	Provide information to individuals in connection with a citation that they received for a parking violation.
05.03	0Explain appropriate interpersonal skills that can help diffuse a conflict while interacting with the public.
05.04	Identify officious and oppressive manners, disrespectful attitudes, and negative body language from others as factors that can indicate a negative response.
05.05	Identify guidelines that help improve interpersonal skills necessary for Parking Enforcement Specialists to perform their job effectively in a diverse population.
05.06	Describe how medical conditions can affect an individual's attitudes or behavior.

Course Number: CJK0112
Occupational Completion Point: B
Traffic Accident Investigator – 80 Hours – SOC Code 33-9099

06.0	State the authority of the Traffic Crash Investigator (TCI) as outlined in chapter 316.640, F.S--The student will be able to
06.01	Explain the TCI's role.
06.02	Explain ethics and professionalism.

06.03	Comprehend the responsibilities of TCIs with regard to providing information and assistance to victims and witnesses of crimes.
07.0	List the procedures of traffic crash scene management--The student will be able to:
07.01	Plan a prompt arrival to a service call with accurate geographic or zone orientation.
07.02	Describe the best location to park a patrol car to aid in protecting the integrity of the crash scene.
07.03	Evaluate the road, other vehicles, and environmental conditions for ongoing assessment.
07.04	Recognize elements to physically manage a traffic crash scene.
07.05	Describe how to evaluate the crash scene for potential hazards.
07.06	Describe types of personal protective equipment traffic crash investigators use during a crash scene investigation.
07.07	Describe how to evaluate the medical response needed at the crash scene.
08.0	Describe how to properly execute scene management--The student will be able to:
08.01	Determine if a crash occurred.
08.02	Recognize special considerations to determine the need for additional units.
08.03	Describe the importance of continually assessing the scene for possible hazards.
08.04	Recognize and describe indicators of impaired drivers.
08.05	Identify a person who may be driving under the influence (DUI).
08.06	Locate elements and evidence at a crash scene that can be used to determine the movement of vehicles and sequence of events.
08.07	Identify the penalties for giving false information.
08.08	Explain how to respond to inquiries with correct information from a variety of sources.
08.09	Recognize when crash report information is privileged or confidential.
09.0	List the basic principles of traffic crash investigation--The student will be able to:
09.01	Recognize elements of an investigation as part of the phases: pre-collision, at-collision, and post-collision.
09.02	Describe the efficient use of field notes.
09.03	Distinguish between a witness and an independent witness.
09.04	Describe the most efficient manner in which to interview witnesses.

09.05	Identify issues affecting the process of taking statements from witnesses and involved parties.
09.06	Describe different methods and practices to obtain statements.
09.07	Identify essential documents that traffic crash investigators must gather from people involved in a vehicle crash.
10.0	Determine the causation of a crash--The student will be able to:
10.01	Describe roadway characteristics that may contribute to a crash.
10.02	Define what the area of collision is.
10.03	Define common terms used during a traffic crash investigation.
10.04	Define transitory and non-transitory types of evidence that should be collected on the scene.
10.05	Define indicators of a crash to include a vehicle's physical features, marks on the road, and debris.
10.06	Explain the procedure for the measurement of skid marks.
10.07	Document evidence through markings.
10.08	Describe the benefit of taking photographs prior to the detailed examination of a scene, and the disturbance of evidence.
10.09	Identify the information to be included in the field sketch and its purpose.
10.10	List the factors to consider when evaluating vehicular speed.
10.11	Determining how the crash occurred.
11.0	Describe and demonstrate how to complete the on-site crash investigation--The student will be able to:
11.01	Facilitate communication between parties to exchange drivers' information.
11.02	Determine fault for the crash, and issue the citation.
11.03	Complete a Uniform Traffic Citation when there is a violation of Florida Statutes 316, 318, 320 and/or 322.
11.04	Describe steps to clear the crash scene at the end of a vehicle crash investigation.
11.05	Describe how to determine when to have vehicles cleared from a crash scene.
11.06	Describe how to determine if a vehicle involved in a crash incident needs a tow truck.
12.0	Document and complete a crash report—The student will be able to:
12.01	Define the uses of a traffic crash report.

12.02	Identify the statutes governing crash reporting, and summarize the process to include: <ul style="list-style-type: none"> a. 316.061 Crashes involving damage to vehicle or property. b. 316.062 Duty to give information and render aid. c. 316.062 Duty upon damaging unattended vehicle or other property. d. 316.066 Written reports of crashes.
12.03	Identify statutes outlining special circumstances that may apply to crash reporting in the following statutes to include: <ul style="list-style-type: none"> a. 316.027 Crash involving death or personal injuries. b. 316.064 When driver unable to report. c. 316.065 Crashes; reports; penalties. d. 316.067 False reports. e. 316.068 Crash report forms. f. 316.070 Exchange of information at scene of crash. g. 316.193 Driving under the influence; penalties. h. 316.1932 Tests for alcohol, chemical substances, or controlled substances; implied consent; refusal. i. 316.1933 Blood test for impairment or intoxication in cases of death or serious bodily injury; right to use reasonable force.
12.04	Locate essential definitions common to the job duties of a traffic crash investigator found in Florida Statutes 316.003, and Department of Highway Safety and Motor Vehicles (DHSMV) Traffic Crash Report Manual.
12.05	Identify basic terms related to injuries and their definitions found in statute 316.1933(1)(b).
12.06	Identify the crash report form as a standardized means for storing crash-related information.
12.07	Estimate the dollar amount of damages to vehicles and/or other property.
12.08	Identify events that are the causes or contributory causes of a crash.
12.09	Recognize that the information between the written narrative and a diagram regarding a crash scene need to match.
12.10	Describe the use of diagramming as a means to document information regarding a crash scene investigation.
12.11	List the essential items that officers should include on a crash diagram.
12.12	Complete a Traffic Diagram Template to create the hand-drawn diagram.
12.13	Identify the role of the traffic crash investigator in recommending a driver's license reexamination.
13.0	Describe courtroom demeanor and testimony—The student will be able to:
13.01	Define the following legal definitions relative to the traffic crash investigation: <ul style="list-style-type: none"> a. admission: a confession, settlement, or acknowledgement made by a party which could be offered against that party in court [F.S. 90.803(18)] b. arrest: to legally deprive a person of liberty or freedom to go as one chooses, or taking a person into custody to be held to answer for a crime c. contraband: goods, property, or other things possessed in violation of the law d. deposition: a form of pretrial discovery, in which the witness is placed under oath and must answer questions asked by an attorney; may be transcribed for use in impeaching the witness at trial or, in special cases, to perpetuate testimony

- e. duces tecum: (“bring with you”) a type of subpoena which requires the witness to bring specified documents or other evidence
- f. evidence: proof of allegations at issue between parties which may be direct, indirect, substantive, intrinsic, original, or derivative
- g. felony: a criminal offense committed within a state in which the maximum penalty is death or incarceration in a state correctional facility for a period exceeding one year
- h. FCIC/NCIC: Florida Crime Information Center (FCIC)/National Crime Information Center (NCIC) (misuse of a secure database is a criminal offense)
- i. forfeiture: the loss of some right or property as a penalty for some illegal act
- j. infraction: in Florida state courts, a non-criminal violation punishable by no other penalty than a fine, forfeiture or other civil penalty [F.S. 775.08(3)]
- k. jurisdiction: the territorial range over which an authority extends
- l. jury: a body of citizens sworn to deliver a true verdict upon evidence submitted to them in a trial
- m. misdemeanor: in Florida state courts, any criminal offense punishable by a term of imprisonment in a county correctional facility (jail) not in excess of one year; does not include any violation of municipal or county ordinance [F.S. 775.02(2)]
- n. ordinance: a law, statute, or legislative enactment, particularly the legislative enactments or statutes of a municipal corporation
- o. probable cause: reasonable grounds for suspicion, supported by circumstance sufficiently strong to warrant a cautious person to believe that an accused individual is guilty of the offense with which he or she is charged
- p. reasonable doubt: a doubt based on reason regarding an element of the state’s proof of a defendant’s guilt
- q. restitution: the restoring of monetary or non-monetary property to a victim for damage or loss caused directly or indirectly by the defendant
- r. search: an exploration or inspection of an individual’s premises (such as a house, business, motel room), papers (business records, documents, etc.), effects (cars, luggage) or person
- s. seizure: the act of taking possession of property, things, or persons, including evidence and contraband
- t. subpoena: a document issued under the authority of the court or statute, compelling attendance at a deposition, hearing, trial or other proceeding, which provides that the subpoenaed person is subject to penalty for failure to comply
- u. venue: the circuit or county in which a particular trial may be conducted
- v. witness: one who observes an incident or has knowledge of facts or information

13.02 Define important elements of court preparation for the traffic crash investigator.

13.03 Explain the pretrial hearing responsibilities of the traffic crash investigator.

13.04 Explain the importance of depositions.

13.05 Identify appropriate demeanor and behavior when giving testimony or statements.

13.06 Describe some common tactics used by opposing counsel during cross-examination.

13.07 Identify techniques that the traffic crash investigator may use to counteract cross examination tactics used by the defense counsel.

Course Number: CJK0112
Occupational Completion Point: C
Police Service Aide – 110 Hours – SOC Code 13-1041

14.0 Explain the community service officer's/police service aide's role, ethics, and professionalism--The student will be able to:

14.01 Explain the Community Service Officer's/Police Service Aide's role.

14.02 Explain ethics and professionalism.

15.0 Demonstrate patrol procedures--The student will be able to:

15.01 Use the telephone and police radio properly.

15.02 Recognize the symptoms of mental illness and notify the proper authorities.

15.03 Identify foot patrol and vehicular patrol and recognize police hazards.

15.04 Operate a vehicle according to National Safety Council standards.

15.05 Secure the necessary evidence, including the scientific tests and reports, in order to successfully prosecute impaired drivers.

16.0 Demonstrate investigative report writing skills--The student will be able to:

16.01 Comprehend the types and basic requisites of reports.

16.02 Identify the basic steps in writing a report.

16.03 Apply the fundamentals in writing a report.

17.0 Conduct preliminary property crime investigations--The student will be able to:

17.01 Apply proper methods of collecting, preserving, marking and transporting evidence.

17.02 Process surfaces for latent fingerprints.

17.03 Complete an evidence receipt, maintaining the chain of custody.

17.04 Describe procedures for investigating specific property crimes.

17.05 Demonstrate preliminary investigation of specific property crimes.

18.0 18.0 Define the role of a the Traffic Control Officer--The student will be able to:

18.01 Define a Traffic Control Officer (TCO) as stated in chapter 316.640(4) (a).

18.02 List the qualifications of a traffic control officer (TCO).

18.03	Explain the responsibilities of a traffic control officer.
18.04	List the limitations of traffic control officer.
19.0	Define Control and Direction Concepts and Procedures - -The student will be able to:
19.01	Define "traffic control devices" according to chapter 316.003(23)
19.02	Define "traffic signals" according to chapter 316.003(24).
19.03	Define the main objectives of traffic direction and control.
19.04	List methods of controlling traffic.
19.05	Identify when traffic direction and control are applicable pursuant to agency protocol.
19.06	List equipment available to an officer for use in directing traffic.
19.07	Evaluate a traffic situation before intervening to direct traffic.
19.08	Identify factors that should be considered when planning to direct traffic.
19.09	List the safety precautions that an officer should follow when directing traffic.
19.10	Identify the correct place that an officer should stand while directing traffic.
19.11	List basic conduct for officers directing traffic. <ul style="list-style-type: none"> a. Engage the attention of drivers at all times. <ul style="list-style-type: none"> 1) Make eye contact with a stopped or stopping motorist. 2) Use hand signals, such as pointing, to gain a motorist's attention. b. Keep your hands free. c. Do not engage in idle conversation. d. Do not smoke. e. Do not twirl a chain or other objects. f. Do not use electronic devices such as cell phones.
19.12	Describe appropriate procedures when an emergency vehicle is approaching an intersection where an officer is directing traffic.
19.13	Explain why voice commands are seldom used in directing traffic.
19.14	List procedures to follow if voice commands must be used.
19.15	List procedures to follow when assisting pedestrians across the street.
19.16	Describe the various whistle signals to get the attention of the driver or pedestrian. <ul style="list-style-type: none"> a. one long blast for the vehicle to stop. b. two short blasts for the vehicle to go.

	c. several short blasts to get the attention of a driver or pedestrian who does not respond to a hand signal.
19.17	List the various hand signals used in conjunction with the whistle signals. <ul style="list-style-type: none"> a. stop b. turn right c. turn left d. start e. keep moving f. resume traffic signal control
19.18	Demonstrate the various hand signals used in conjunction with the whistle signals.
19.19	Demonstrate the proper use of an illuminated baton and a flashlight with traffic wand attached.
19.20	Describe how to use a flare safely, including lighting the flare, positioning it, and extinguishing it. <ul style="list-style-type: none"> a. To light, strike the flare away from body to prevent injury. b. Position the flare in an area free of combustible materials. c. Extinguish the flare by smothering it in non-combustible materials, such as soil.
19.21	Demonstrate how to safely light a flare, position it, and extinguish it.
19.22	Demonstrate how to activate a chemical light stick.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills (if applicable)

In PSAV programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Mathematics 10, Language 10, and Reading 10. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02(7), Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.) Exemptions from state, national or industry licensure are limited to the certifications listed on the Basic Skills and Licensure Exemption List which may be accessed from the CTE Program Resources page.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Additional Resources

For additional information regarding articulation agreements, Bright Futures Scholarships, Fine Arts/Practical Arts Credit and Equivalent Mathematics and Equally Rigorous Science Courses please refer to:

<http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml>

Florida Department of Education
Curriculum Framework

Course Title: Law, Public Safety & Security Cooperative Education – OJT
(Public Service Cooperative Education – OJT)
Course Type: Career Preparatory
Career Cluster: Law, Public Safety and Security

PSAV – Cooperative Education - OJT

Course Number	P439999
CIP Number	07439999CP
Grade Level	30, 31
Standard Length	Multiple hours
Teacher Certification	ANY PUBLIC SERV OCC ED G LAW ENF@7 7G CORR OFF 7G
CTSO	N/A
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security cluster(s); provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security cluster(s).

Each student job placement must be related to the job preparatory program in which the student is enrolled or has completed.

The purpose of this course is to provide the on-the-job training component when the **cooperative method of instruction** is appropriate. Whenever the cooperative method is offered, the following is required for each student: a training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student **must be compensated** for work performed.

The teacher/coordinator must meet with the site supervisor a minimum of once during each grading period for the purpose of evaluating the student's progress in attaining the competencies listed in the training plan.

Law, Public Safety and Security Cooperative Education - OJT may be taken by a student for one or more semesters. A student may earn multiple credits in this course. The specific student performance standards which the student must achieve to earn credit are specified in the Cooperative Education - OJT Training Plan.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Common Career Technical Core – Career Ready Practices

Career Ready Practices describe the career-ready skills that educators should seek to develop in their students. These practices are not exclusive to a Career Pathway, program of study, discipline or level of education. Career Ready Practices should be taught and reinforced in all career exploration and preparation programs with increasingly higher levels of complexity and expectation as a student advances through a program of study.

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly, effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.
10. Plan education and career path aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural/global competence.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Perform designated job skills.
- 02.0 Demonstrate work ethics.

Florida Department of Education
Student Performance Standards

Program Title: Law, Public Safety & Security Cooperative Education – OJT
(Public Service Cooperative Education – OJT)
PSAV Number: P439999

Standards and Benchmarks	
01.0	Perform designated job skills--The student will be able to:
01.01	Perform tasks as outlined in the training plan.
01.02	Demonstrate job performance skills.
01.03	Demonstrate safety procedures on the job.
01.04	Maintain appropriate records.
01.05	Attain an acceptable level of productivity.
01.06	Demonstrate appropriate dress and grooming habits.
02.0	Demonstrate work ethics--The student will be able to:
02.01	Follow directions.
02.02	Demonstrate good human relations skills on the job.
02.03	Demonstrate good work habits.
02.04	Demonstrate acceptable business ethics.

Additional Information

Special Notes

The **Cooperative Education Manual** is available on-line and has guidelines for students, teachers, employers, parents and other administrators and sample training agreements. It can be accessed on the DOE Website at <http://www.fldoe.org/core/fileparse.php/3/urlt/steps-manual.pdf>.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

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