

Gold Standard Career Pathways Articulation Agreements of Industry Certification to AS and AAS Degree 2021-2022

FDOE Certification Code	Certification Title	Number of Credits Articulated	CIP Number	Associate Degree Program Title
FDMQA030	911 Public Safety Telecommunicator	3	1743010302	Criminal Justice Technology
TAFPL001	Accredited Legal Professional (ALP)	3	1552020401	Office Administration
ADOBE010	Adobe Certified Associate (ACA) - Dreamweaver	3	1511100400	Internet Services Technology
ADOBE011	Adobe Certified Associate (ACA) - Flash/Animate	3	1511100400	Internet Services Technology
ADOBE023	Adobe Certified Professional in Video Design (Requires Premiere Pro and After Effects or Photoshop)	3	1650060213	Film Production Technology
ADOBE023	Adobe Certified Professional in Video Design (Requires Premiere Pro and After Effects or Photoshop)	4	1610020202	Radio and Television Broadcast Programming
ADOBE024	Adobe Certified Professional in Visual Design (Requires Photoshop and Illustrator or InDesign)	3	1611080300	Graphics Technology
ADOBE025	Adobe Certified Professional in Web Design	3	1511100400	Internet Services Technology
NCATT003	Aerospace / Aircraft Assembly (AAA)	9	1615080100	Aerospace Technology
FLFBR007	Agriculture Associate Certification	3	1101000000	Agricultural Production Technology
FLFBR001	Agritechnology Specialist Certification	2	1101000000	Agricultural Production Technology
NATEX002	Air Conditioning Installation Specialization	4	0615050100	Air Conditioning, Refrigeration and Heating Systems Technology
NATEX001	Air Conditioning Service Technician	3	0615050100	Air Conditioning, Refrigeration and Heating Systems Technology
NATEX003	Air to Air Heat Pump Installation Technician	4	0615050100	Air Conditioning, Refrigeration and Heating Systems Technology

FLFBR005	Animal Science Specialist Certification	3	1101010100	Agribusiness Management
APPLE021	Apple App Development with Swift Certification Level 1	3	1511020101	Computer Programming and Analysis
APPLE020	Apple Certified Pro (ACP) - Final Cut Pro X	3	1609070213	Digital Television and Media Production
APPLE020	Apple Certified Pro (ACP) - Final Cut Pro X	8	1610020202	Radio and Television Broadcast Programming
APPLE019	Apple Certified Support Professional	2	1511100112	Network Systems Technology
APPLE002	Apple Certified Technical Coordinator	2	1511100112	Network Systems Technology
ESRIC001	ArcGIS Desktop Entry	3	1511010307	Computer Information Technology
NIASE076	ASE Auto Maintenance and Light Repair (G1)	3	0615080300	Automotive Service Management Technology
NIASE005	ASE Automobile/Light Truck Technician: Automatic Transmission/Transaxle (A2)	3	0615080300	Automotive Service Management Technology
NIASE007	ASE Automobile/Light Truck Technician: Brakes (A5)	3	0615080300	Automotive Service Management Technology
NIASE008	ASE Automobile/Light Truck Technician: Electrical/Electronic Systems (A6)	3	0615080300	Automotive Service Management Technology
NIASE009	ASE Automobile/Light Truck Technician: Engine Performance (A8)	3	0615080300	Automotive Service Management Technology
NIASE010	ASE Automobile/Light Truck Technician: Engine Repair (A1)	3	0615080300	Automotive Service Management Technology
NIASE011	ASE Automobile/Light Truck Technician: Heating and Air Conditioning (A7)	3	0615080300	Automotive Service Management Technology
NIASE012	ASE Automobile/Light Truck Technician: Manual Drive Train and Axles (A3)	3	0615080300	Automotive Service Management Technology
NIASE014	ASE Automobile/Light Truck Technician: Suspension and Steering (A4)	3	0615080300	Automotive Service Management Technology

ETAIN008	Associate Certified Electronics Technician (CETa)	3	1615030301	Electronics Engineering Technology
ETAIN008	Associate Certified Electronics Technician (CETa)	3	1615000001	Engineering Technology
ISCET001	Associate Level Certified Electronic Technician	6	1615030301	Electronics Engineering Technology
ADESK033	Autodesk Certified Associate in CAD for Mechanical Design	3	1615000001	Engineering Technology
ADESK021	Autodesk Certified Professional - AutoCAD	3	1615130202	Computer-Aided Drafting and Design
ADESK023	Autodesk Certified Professional - AutoCAD Civil 3D	3	1715020101	Civil Engineering Technology
ADESK024	Autodesk Certified Professional - Inventor	3	1615000001	Engineering Technology
ADESK025	Autodesk Certified Professional - Revit Architecture	3	1604090100	Architectural Design & Construction Technology
ADESK002	Autodesk Certified User - AutoCAD	3	1604090100	Architectural Design & Construction Technology
ADESK002	Autodesk Certified User - AutoCAD	3	1615130202	Computer-Aided Drafting and Design
ADESK032	Autodesk Certified User - Fusion 360	3	1615000001	Engineering Technology
ADESK011	Autodesk Certified User - Inventor	3	1615000001	Engineering Technology
ADESK030	Autodesk Certified User - Maya	9	1550041100	Game Development Design
ADESK008	Autodesk Certified User - Revit Architecture	3	1604090100	Architectural Design & Construction Technology
ADESK008	Autodesk Certified User - Revit Architecture	3	1615100102	Building Construction Technology
ADESK008	Autodesk Certified User - Revit Architecture	3	1615130202	Computer-Aided Drafting and Design

CERHB001	Biotechnician Assistant	3	1341010100	Biotechnology Laboratory Technology
AMDDA002	Certified Apprentice Drafter - Architectural	3	1604090100	Architectural Design & Construction Technology
AIOPB001	Certified Bookkeeper	3	1552030201	Accounting Technology
NATHA009	Certified Clinical Medical Assistant (CCMA)	3	1351070101	Health Services Management
NATHA009	Certified Clinical Medical Assistant (CCMA)	3	1551070500	Medical Office Administration
ACFED002	Certified Culinarian (CC)	3	1612050401	Culinary Management
ACFED002	Certified Culinarian (CC)	6	1252090500	Restaurant Management
DANBD001	Certified Dental Assistant (CDA)	5	1351060104	Dental Assisting Technology and Management
NRAEF003	Certified Food Protection Manager (ServSafe®)	3	1612050401	Culinary Management
NRAEF003	Certified Food Protection Manager (ServSafe®)	3	1252090500	Restaurant Management
NRFSP001	Certified Food Safety Manager	3	1612050102	Baking & Pastry Management
NRFSP001	Certified Food Safety Manager	2	1612050401	Culinary Management
NRFSP001	Certified Food Safety Manager	2	1252090500	Restaurant Management
ACFED006	Certified Fundamentals Cook	3	1252090101	Hospitality & Tourism Management
FNGLA001	Certified Horticulture Professional	6	1101060502	Landscape & Horticulture Technology
PROSO027	Certified Internet Web (CIW) Advanced HTML5 & CSS3 Specialist	3	1511010307	Computer Information Technology

PROSO027	Certified Internet Web (CIW) Advanced HTML5 & CSS3 Specialist	3	1511020101	Computer Programming and Analysis
PROSO030	Certified Internet Web (CIW) Data Analyst Specialist	3	1530700101	Business Intelligence Specialist
PROSO006	Certified Internet Web (CIW) Database Design Specialist	3	1511010307	Computer Information Technology
PROSO006	Certified Internet Web (CIW) Database Design Specialist	3	1511020101	Computer Programming and Analysis
PROSO003	Certified Internet Web (CIW) E-Commerce Specialist	3	1552120107	E-Business Technology
PROSO017	Certified Internet Web (CIW) JavaScript Specialist	3	1511020101	Computer Programming and Analysis
PROSO032	Certified Internet Web (CIW) User Interface Designer	3	1511020101	Computer Programming and Analysis
PROSO022	Certified Internet Web (CIW) Web Design Specialist	3	1511100400	Internet Services Technology
FNGLA003	Certified Landscape Maintenance Technician	3	1101060502	Landscape & Horticulture Technology
FNGLA004	Certified Landscape Technician	3	1101060502	Landscape & Horticulture Technology
AMAMA001	Certified Medical Assistant (CMA)	3	1351070101	Health Services Management
NATHA010	Certified Pharmacy Technician (CPHT)	9	1351080502	Pharmacy Management
AMSPT002	Certified Phlebotomy Technician	1	1351100405	Medical Laboratory Technology
NATHA007	Certified Phlebotomy Technician (CPT)	1	1351100405	Medical Laboratory Technology
SOLID003	Certified Solidworks Associate-Academic (CSWA-Academic)	3	1615000001	Engineering Technology
SOLID003	Certified Solidworks Associate-Academic (CSWA-Academic)	3	1615061307	Manufacturing Technology

SOLID004	Certified Solidworks Professional - Academic (CSWP-Academic)	3	1615000001	Engineering Technology
SOLID004	Certified Solidworks Professional - Academic (CSWP-Academic)	3	1615080101	Simulation Technology
ACOSM001	Certified Survey Technician (CST)	3	1715020101	Civil Engineering Technology
FLVMA002	Certified Veterinary Assistant (CVA)	3	1301830100	Veterinary Technology
CARCH002	Chief Architect Certified Apprentice	3	1604090100	Architectural Design & Construction Technology
CPREC001	Child Development Associate (CDA)	9	1413121004	Early Childhood Education
CISCO018	Cisco Certified Internetwork Expert Routing and Switching (CCIE Routing & Switching)	3	1615120100	Computer Engineering Technology
CISCO004	Cisco Certified Network Associate (CCNA)	12	1615120100	Computer Engineering Technology
CISCO026	Cisco Certified Network Associate (CCNA)	3	1511100307	IT Security
CISCO026	Cisco Certified Network Associate (CCNA)	6	1511100112	Network Systems Technology
CISCO011	Cisco Certified Network Associate Security (CCNA Security)	3	1615120100	Computer Engineering Technology
CISCO005	Cisco Certified Network Professional (CCNP)	12	1615120100	Computer Engineering Technology
CISCO005	Cisco Certified Network Professional (CCNP)	12	1615030302	Telecommunications Engineering Technology
COMPT001	CompTIA A+	6	1615120100	Computer Engineering Technology
COMPT018	CompTIA IT Fundamentals+	3	1511010307	Computer Information Technology
COMPT018	CompTIA IT Fundamentals+	3	1511020101	Computer Programming and Analysis

COMPT018	CompTIA IT Fundamentals+	3	1511100112	Network Systems Technology
COMPT018	CompTIA IT Fundamentals+	3	1530700100	Data Science Technology
COMPT005	CompTIA Linux+	3	1511020101	Computer Programming and Analysis
COMPT006	CompTIA Network+	3	1615120100	Computer Engineering Technology
COMPT007	CompTIA Project+	3	1511100509	Technology Project Management
COMPT008	CompTIA Security+	3	1552120107	E-Business Technology
COMPT009	CompTIA Server+	3	1511010307	Computer Information Technology
COMPT009	CompTIA Server+	3	1511100112	Network Systems Technology
ICOEC005	EC-Council Cyber Forensics Associate	3	1511100308	Cybersecurity
ICOEC006	EC-Council Ethical Hacker Associate	3	1511100308	Cybersecurity
ICOEC006	EC-Council Ethical Hacker Associate	3	1511100307	IT Security
ICOEC006	EC-Council Ethical Hacker Associate	3	1511100112	Network Systems Technology
IHKBZ002	Electronics Technician for Industrial Engineering	3	1615061307	Manufacturing Technology
NREMT001	Emergency Medical Technician (EMT)	9	1351090402	Emergency Medical Services
INTUT002	Entrepreneurship & Small Business	3	1552020102	Business Administration
INTUT002	Entrepreneurship & Small Business	3	1552070308	Business Entrepreneurship

FEDAA010	FAA Aviation Maintenance Technician - Powerplant	24	1649010401	Aviation Maintenance Management
FEDAA004	FAA Aviation Mechanic Technician - Airframe	36	1649010401	Aviation Maintenance Management
FEDAA004 and FEDAA010	FAA Aviation Mechanic Technician - Airframe and FAA Aviation Maintenance Technician - Powerplant	24	1647060700	Aviation Maintenance Administration
FEDAA013	FAA Ground School	3	1615080102	Unmanned Vehicle Systems Operations
FEDAA011	FAA Private Pilot	3	1649010200	Professional Pilot Technology
NRAEF001	Foodservice Management Professional (FMP)	3	1252090500	Restaurant Management
NRFSP002	HACCP Certification	3	1612050102	Baking & Pastry Management
HVACE011	HVAC Excellence Employment Ready - Electrical	4	0615050100	Air Conditioning, Refrigeration and Heating Systems Technology
HVACE001	HVAC Excellence Employment Ready - Heat Pump	4	0615050100	Air Conditioning, Refrigeration and Heating Systems Technology
HVACE002	HVAC Excellence EmploymentReady - Air Conditioning	4	0615050100	Air Conditioning, Refrigeration and Heating Systems Technology
GRBCI002	LEED Green Associate	2	1615100102	Building Construction Technology
GRBCI002	LEED Green Associate	3	1715020101	Civil Engineering Technology
GRBCI002	LEED Green Associate	3	1646041201	Construction Management Technology
GRBCI002	LEED Green Associate	3	1615130202	Computer-Aided Drafting and Design
LINPI001	Linux Essentials 010	3	1511010307	Computer Information Technology
LINPI001	Linux Essentials 010	3	1511100308	Cybersecurity

LINPI001	Linux Essentials 010	3	1530700100	Data Science Technology
LINPI001	Linux Essentials 010	3	1511100112	Network Systems Technology
ABAYC003	Marine Electrical Certification	3	0647060500	Marine Engineering, Management & Seamanship
IHKBZ004	Mechatronics Fitter	3	1615061307	Manufacturing Technology
MICRO082	Microsoft Certified Solutions Associate (MCSA) - SQL Server 2012	3	1511010307	Computer Information Technology
MICRO082	Microsoft Certified Solutions Associate (MCSA) - SQL Server 2012	3	1511020101	Computer Programming and Analysis
MICRO106	Microsoft Certified Solutions Associate (MCSA) - Windows Server 2016	3	1511010307	Computer Information Technology
MICRO106	Microsoft Certified Solutions Associate (MCSA) - Windows Server 2016	3	1511100112	Network Systems Technology
MICRO089	Microsoft Certified Solutions Expert (MCSE) - Data Platform	3	1511010307	Computer Information Technology
MICRO089	Microsoft Certified Solutions Expert (MCSE) - Data Platform	3	1511020101	Computer Programming and Analysis
MICRO017	Microsoft Office Specialist Master	3	1552020401	Office Administration
MICRO070/CERTI003*	Microsoft Technology Associate (MTA) - Database Administration Fundamentals / <u>Information Technology Specialist (ITS) - Databases</u>	3	1511010307	Computer Information Technology
MICRO070/CERTI003*	Microsoft Technology Associate (MTA) - Database Administration Fundamentals / <u>Information Technology Specialist (ITS) - Databases</u>	3	1511020101	Computer Programming and Analysis
MICRO080/CERTI008*	Microsoft Technology Associate (MTA) – HTML5 Application Developer Fundamentals / <u>Information Technology Specialist (ITS) - HTML5 Application Development</u>	3	1511100400	Internet Services Technology

MICRO114/CERTI013*	Microsoft Technology Associate (MTA) - Introduction to Programming Using Java / <u>Information Technology Specialist (ITS) – Java</u>	3	1511020101	Computer Programming and Analysis
MICRO104/CERTI010*	Microsoft Technology Associate (MTA) - Introduction to Programming Using JavaScript / <u>Information Technology Specialist (ITS) - JavaScript</u>	3	1511020101	Computer Programming and Analysis
MICRO112/CERTI012*	Microsoft Technology Associate (MTA) - Introduction to Programming Using Python / <u>Information Technology Specialist (ITS) - Python</u>	3	1511020101	Computer Programming and Analysis
MICRO112/CERTI012*	Microsoft Technology Associate (MTA) - Introduction to Programming Using Python / <u>Information Technology Specialist (ITS) - Python</u>	3	1511100308	Cybersecurity
MICRO102/CERTI009*	Microsoft Technology Associate (MTA) - Mobility and Devices Fundamentals / <u>Information Technology Specialist (ITS) - Device Configuration and Management</u>	3	1511010307	Computer Information Technology
MICRO102/CERTI009*	Microsoft Technology Associate (MTA) - Mobility and Devices Fundamentals / <u>Information Technology Specialist (ITS) - Device Configuration and Management</u>	3	1511080200	Database Technology
MICRO101	Microsoft Technology Associate (MTA) - Software Testing Fundamentals	3	1511020101	Computer Programming and Analysis
MICRO115/CERTI014*	Microsoft Technology Associate (MTA) - Windows Server Administration Fundamentals / <u>Information Technology Specialist (ITS) - Cloud Computing</u>	3	1511010307	Computer Information Technology
MICRO115/CERTI014*	Microsoft Technology Associate (MTA) - Windows Server Administration Fundamentals / <u>Information Technology Specialist (ITS) - Cloud Computing</u>	3	1511100112	Network Systems Technology
MSSCN001	MSSC Certified Production Technician (CPT)	6	1615030301	Electronics Engineering Technology
MSSCN001	MSSC Certified Production Technician (CPT)	15	1615000001	Engineering Technology
MSSCN001	MSSC Certified Production Technician (CPT)	9	1615061307	Manufacturing Technology
NCFCT007	National Certified Medical Office Assistant (NCMOA)	6	1551070500	Medical Office Administration

NCFCT008	National Certified Patient Care Technician (NCPCT)	3	1351070101	Health Services Management
NCSBN002	National Licensed Practical Nurse (NCLEX-PN)	10	1351380100	Nursing R.N.
NCCER008	NCCER Construction Technology (Secondary)	3	1604090100	Architectural Design & Construction Technology
NCCER018	NCCER HVAC - Level 1 (Secondary)	3	0615050100	Air Conditioning, Refrigeration and Heating Systems Technology
NCCER098	NCCER Manufactured Construction Technology - Level 1 (Secondary)	3	1615100102	Building Construction Technology
NCCER099	NCCER Manufactured Construction Technology - Level 2 (Secondary)	3	1615100102	Building Construction Technology
NCCER061	NCCER Welding - Level 1 (Secondary)	3	0647060500	Marine Engineering, Management & Seamanship
NIFMS001	NIMS Machining Level I - CNC Milling: Programming Setup & Operations	1	1615000001	Engineering Technology
NIFMS001	NIMS Machining Level I - CNC Milling: Programming Setup & Operations	3	1615061307	Manufacturing Technology
NIFMS002	NIMS Machining Level I - CNC Turning: Programming Setup & Operations	1	1615000001	Engineering Technology
NIFMS002	NIMS Machining Level I - CNC Turning: Programming Setup & Operations	3	1615061307	Manufacturing Technology
NIFMS013	NIMS Machining Level I - Drill Press Skills I	3	1615061307	Manufacturing Technology
NIFMS008	NIMS Machining Level I - Turning Operations: Turning Between Centers	3	1615061307	Manufacturing Technology
NIFMS010	NIMS Machining Level I - Turning Operations: Turning Chucking Skills	3	1615061307	Manufacturing Technology
NIFMS012	NIMS Machining Level II - Grinding Skills II	2	1615000001	Engineering Technology
NIFMS012	NIMS Machining Level II - Grinding Skills II	3	1615061307	Manufacturing Technology

NIFMS007	NIMS Machining Level II - Manual Milling Skills II	3	1615061307	Manufacturing Technology
ORACL001	Oracle Certified Associate (OCA): Database	6	1511080200	Database Technology
ORACL004	Oracle Certified Associate (OCA): Java Programmer	3	1511020101	Computer Programming and Analysis
OEDGP001	PCAP – Certified Associate in Python Programming	3	1511020101	Computer Programming and Analysis
PTCBD001	Pharmacy Technician	9	1351080502	Pharmacy Management
PRMIN004	PMI Project Management Ready	3	1511100509	Technology Project Management
IHKBZ005	Precision Machinist	3	1615061307	Manufacturing Technology
FMAIN001	Precision Sheetmetal Operator - Level I (PSMO)	3	1615061307	Manufacturing Technology
TAFLP002	Professional Legal Secretary (PLS)	9	1552020401	Office Administration
KNOWL001	Python Coding Specialist	3	1511020101	Computer Programming and Analysis
INTUT001	Quickbooks Certified User	3	1552030201	Accounting Technology
INTUT001	Quickbooks Certified User	3	1552020102	Business Administration
INTUT001	Quickbooks Certified User	3	1552070308	Business Entrepreneurship
AMEDT004	Registered Medical Assistant (RMA)	3	1351070101	Health Services Management
AMEDT004	Registered Medical Assistant (RMA)	3	1551070500	Medical Office Administration
AMEDT005	Registered Phlebotomy Technician (RPT)	3	1351100405	Medical Laboratory Technology

SALES001	Salesforce Certified Administrator	3	1252140101	Marketing Management
USINS001	Small UAS Safety Certification	1	1649010200	Professional Pilot Technology
UNITY001	Unity Certified Associate	6	1550041100	Game Development Design
UNITY002	Unity Certified User: Programmer	6	1550041100	Game Development Design

*During 2021-2022, the vendor for the certification changed which resulted in new course titles and new DOE codes. Certification content remains the same.