



DEPARTMENT OF FINANCIAL SERVICES

*Division of State Fire Marshal
Bureau of Fire Standards & Training*

**FLUSAR Vehicle & Machinery Rescue Operations
Level I**

Title: Master Syllabus

Date: Effective May 1, 2016

Course Title	FLUSAR Vehicle & Machinery Rescue Level I
Course Number	
Prerequisite(s)	Rope Rescue Level I certificate from an accredited agency.
Revision Date	N/A
College Credit Recommendation	
Continuing Education Units (CEU's)	
Class Days/Time	Monday – Friday 8:00am – 5:00pm
Program Specialist Contact Info	
Instructor Qualifications	
Class Location	
Course Description	Vehicle and Machinery Rescue Level I is a course designed to train rescuers in light vehicle and machinery extrication. This course will meet or exceed NFPA 1006 Chapter 5 & 10.1 requirements.
Student Learning Outcomes	Students will be taught the basics of vehicle and machinery rescue, scene size up, identifying hazards, stabilization of common passenger cars and machinery, entry and egress techniques, disentanglement techniques, tool usage, patient packaging and removal. Emphasis will be placed on rescuer and victim safety, proper tool selection and usage and utilizing a multi-step approach to extrication planning.
Required and Optional Textbook	<i>Vehicle Extrication: A Practical Guide</i> by Brian G. Anderson. ISBN:9781593700218
Required Materials	Helmet, boots with steel toe, gloves, longs pants, and t-shirt.
Method of Instruction	Classroom Lecture and Practical field training
Grading	Passing 70%
Certification(s)	FLUSAR 40 hour Vehicle & Machinery Rescue Level I
Attendance Policy	You are required to attend all sessions of the course and complete all pre-course assignments. Failure to appear in class for a scheduled activity will be considered an absence unless you make arrangements with the instructor for a make-up session. Failure to make up missed sessions prior to the next session will result in an absence.

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AT
The Florida State Fire College

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Academic Integrity	Academic integrity is crucial to the learning community and indicates respect for the college, the instructor, the course, your classmates and yourself. Any violation of this trust, including but not limited to cheating, plagiarism, collusion, or using or having any content of an un-administered test, will result in immediate dismissal from the course. Under Florida Statute 633, any student dismissed for academic dishonesty can be refused acceptance for any course administered by FSFC.
Students with Disabilities	Any student who has a permanent or temporary disability that may require a reasonable accommodation to participate in the course must present documentation of the disability and requested accommodation no later than the beginning of the course.
Emergency Evacuation Policy	Occupants of buildings on the Florida State Fire College campus are required to evacuate and assemble outside when a fire alarm is activated or an announcement is made. Please be aware of the following policies regarding evacuation. <ul style="list-style-type: none"> • Familiarize yourself with all exit doors of the classroom and the building. • Remember that the nearest exit door may not be the one you used when you entered the building. • If you require assistance to evacuate, inform the instructor on the first day of class. • In the event of an evacuation, follow the guidance of the instructor. • Do not re-enter a building unless you are given instructions by Florida State Fire College personnel to do so.
Requesting Emergency Care	Any request for emergency care should be initiated by calling "911" from any phone on campus of the Florida State Fire College. Phones are located in each classroom. Additionally, in the event of any emergency, immediately contact an instructor or staff member.
Critical Event Procedures	<p>Severe Weather – there is a lightning detection system on campus which has an audible 15 second blast of an air horn. If you are outside, please follow your instructor or move to the closest permanent building. Once the threat is over, there will be three 5 second blasts of the signal.</p> <p>Security – During the daytime, security is handled by full time faculty and staff. There are security guards on duty in the evenings and weekends. Please comply with the requests made of security officers. Failure to do so can result in removal from campus.</p> <p>Student Badges – You will be issued a badge to be worn anytime you are on campus.</p>
Enabling Objectives	
Practical Applications	<u>The student shall successfully demonstrate a minimum of % of the below JPR's of NFPA</u>

Plan of Instruction

Day 1:

- Welcome, Orientation, Registration
- Vehicle and Machinery level 1 overview
- Tool lab
- Break out stations
 - Stabilization
 - Lifting techniques
 - Glass removal
 - Displacement practices
- Homework assignment

Day 2:

- Homework review
- Stabilization practices
- Cutting practices
- Hydraulic tool orientation
- Scenarios
- Homework assignment

Day 3:

- Homework review
- Extrication lecture
- Victim packaging and removal practices
- Extrication practices
- Tunneling practices
- Extrication scenarios
- Homework assignment

Day 4:

- Homework review
- Continuation of extrication practices
- Scenarios as needed with multiple configurations
- Homework assignment

Day 5:

- Homework review
- Final written exam
- Class scenarios
- Clean up, inventory, certificate presentation, class evaluations

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