

ALABAMA FIRE COLLEGE

AND PERSONNEL STANDARDS & EDUCATION COMMISSION



COURSE SYLLABUS

Rescue Technician: Vehicle Extrication I and Machinery Extrication I

FSC 237

40 clock hours

PREREQUISITES

- (Pro Board or IFSAC) Certified Rescue Technician Rope I

REQUIRED COURSE MATERIALS

- ***IFSTA: Principles of Vehicle Extrication, Third Edition***

Other materials:

- NFPA compliant turnout gear or coveralls
- Hard hat or firefighting helmet
- Work gloves
- Work boots or firefighting boots
- OSHA approved safety glasses

DESCRIPTION

This course is based on NFPA 1006: *Standard for Technical Rescue Personnel Professional Qualifications*. This course is designed to offer a combination of classroom and practical evolutions that allow the student to learn proper techniques to plan for a vehicle/machinery incident, establish fire protection, stabilize a vehicle or machine, isolate potential harmful energy sources, determine vehicle access and egress points, create access and egress openings for rescue, disentangle victims, remove a packaged victim to a designated safe area, and terminate a vehicle/machinery incident.

*This is a physically demanding course which requires students to be in good physical condition.

STUDENT LEARNING OBJECTIVES

- Plan for a vehicle/machinery incident.
- Establish scene safety zones.
- Establish fire protection.
- Stabilize a vehicle or machine.
- Isolate potentially harmful energy sources.
- Determine the vehicle access and egress points.
- Create access and egress openings for rescue.
- Disentangle victim(s).
- As a member of a team, remove a packaged victim to a designated safe area.
- Terminate a vehicle/machinery incident.

CERTIFICATION REQUIREMENTS

To be issued certification, the candidate will: provide documentation of prerequisites, complete required training hours including skills training, successfully complete the cognitive written exam, and successfully complete the practical exam.

ACCREDITATION

Alabama Fire College and Personnel Standards Commission maintains accreditation with Pro Board and IFSAC. Each student will automatically receive national registration and certification upon successful completion of all requirements for certification.

COURSE SCHEDULE (SUBJECT TO CHANGE)

Day One:	Chapter 1: Introduction to Vehicle Extrication Chapter 2: Extrication Incident Management Chapter 3: Vehicle Anatomy and Science Chapter 4: Extrication Equipment Chapter 5: Extrication Techniques
Day Two:	Chapter 6: Passenger Vehicle Extrication Chapter 7: Bus Extrication Chapter 10: Industrial/Agricultural Vehicle and Machinery Extrication
Day Three:	Vehicle Rescue Practical Evolutions (Drill Field)
Day Four:	Vehicle Rescue Practical Evolutions (Drill Field)
Day Five:	Scenario-Based JPR Skills Testing, Equipment returned to trailer. (Class) Review, Paperwork, Survey, Certification Examination.

GRADE ASSESSMENT

WRITTEN EXAMINATION

Perform to a minimum 70% competency on the examination,
(One retest is allowed after 30 days but within one year of course end date.)

PRACTICAL EXAMINATION

Successfully complete a skills/project evaluation to a minimum of 70% competency and successful completion of all critical points. Evaluators will test at least 25% of the skills for each. Skill sheets to be tested will be randomly selected by AFC Certification Unit for the practical examination. (One retest is allowed after 30 days but within one year of course end date.)