ALABAMA FIRE COLLEGE
AND PERSONNEL STANDARDS & EDUCATION COMMISSION

COURSE SYLLABUS

Technical Rescue Personnel (TRP): Confined Space Rescue Awareness, Operations, and Technician

FSC 231 | **40 clock hours**

PREREQUISITES

- (Pro Board or IFSAC) Certified Rescue Technician: Rope I or Technical Rescue Personnel: Rope Rescue Awareness and Operations Levels

REQUIRED COURSE MATERIALS

- ***CMC Rescue, Inc. – Confined Space Rescue Technical Manual, Revised Second Edition***

Other Required Materials:

- Clothing suitable for outside activities (long/short-sleeved shirt and pants or coveralls)
- SCBA
- Hard Hat
- PASS device
- Gloves
- Knee pads and elbow pads (optional)
- NFPA Compliant Class III Harness

DESCRIPTION

This course is based on NFPA 1006: *Standard for Technical Rescue Personnel Professional Qualifications,* Chapter 7*,* 2021 Edition*.* Designed for both fire department personnel and private industry, this course provides responders with a comprehensive understanding of accidents involving a confined space. This course teaches the responder how to recognize the hazard, access the victim, stabilize the victim, and the proper procedures for retrieval. Practical and classroom sessions focus on the three primary hazards associated with confined space rescue: physical, atmospheric, and physiological. Realistic training evolutions using the latest in equipment and techniques ensure student retention of this material.

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

STUDENT LEARNING OBJECTIVES

- Preplan a confined space incident.
- Assess the incident.
- Conduct monitoring of the environment.
- Control hazards.
- Prepare for entry into the confined space.
- Enter a confined space.
- Package the victim for removal from a confined space.
- Remove all entrants from a confined space.
- Terminate the confined space incident.
- Identify and document isolation methods.
- Identify and evaluate various configurations of confined spaces.
- Recognize general and site-specific hazards.
- Conduct a bystander and victim interview.
- Operate atmospheric monitoring equipment.
- Conduct monitoring in a confined space environment.
- Use and confirm calibration of detection and monitoring equipment.
- Perform a rescuer pre-entry medical exam.

- Recognize and perform basic management of various traumatic injuries and medical conditions.
- Select and operate rescue and retrieval systems and equipment.

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 - Application and Introduction Chapter 3 - Confined Space Rescue Operations (Lecture) Chapter 4 - Code of Federal Regulations (Lecture) Chapter 5 - Confined Space Hazards (Lecture) Chapter 6 - Air Monitoring (Lecture and Workshop) Chapter 7 - Hazard Control (Lecture and Workshop) Chapter 8 - Personal Protective Equipment (Lecture) Chapter 9 - Phases of Confined Space Rescue (Lecture)
Day Two:	Chapter 10 - Rescue Equipment, Knots, and Systems (Lecture and Workshop) Chapter 11 - High Point Anchor Systems (Lecture) Chapter 12 - Communications (Lecture and Workshop) Permitting Confined Spaces; Maze
Day Three:	Patient Packaging; Artificial High Directionals; Rescue Evolutions
Day Four:	Confined Space Emergency Response Scenarios
Day Five:	Scenario Based JPR Skills Testing; Survey; Certification Exam

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.)