

ALABAMA FIRE COLLEGE

AND PERSONNEL STANDARDS & EDUCATION COMMISSION



COURSE SYLLABUS

Rescue Technician: Cave Rescue I/II

FSC 218

40 clock hours

PREREQUISITES

- (Pro Board or IFSAC) Certified Rescue Technician: Rope II

REQUIRED COURSE MATERIALS

- Not Applicable
- Personal gear required:**
- Approved helmet, with chinstrap bracket (no fire helmets)
 - Three sources of light, with main source being mounted on the helmet
 - Sturdy, lugged-sole lace-up boots
 - Twenty feet of 1" tubular webbing
 - Full seat harness
 - Three locking carabiners
 - Rugged clothing (no turnout gear)
 - Gloves with leather palms (work gloves are fine)
 - Descending device (figure 8, rack, etc.)
 - Ascending system (gibbs, jumars, etc., if possible)
 - Small heavy-duty pack for above equipment (not frame backpack)

DESCRIPTION

This course is based on NFPA 1006: *Standard for Technical Rescue Personnel Professional Qualifications*, Chapter 18. The course is designed for those persons who respond to incidents involving the application of special knowledge, skills, and equipment to safely resolve unique or complex rescue situations.

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

STUDENT LEARNING OBJECTIVES

- Equipment orientation
- Climbing systems
- Emergency response systems and dispatch
- Cave environment
- Caving safety
- Personal equipment
- Incident command
- Resource management
- Press and public relations
- Communications
- Cave searches
- Medical care in a cave environment
- Patient packaging
- Litter movement

- Haul systems
- Lowering systems
- Litter rigging
- Edge safety
- Litter and edge attendants
- Knot tying
- Single rope technique

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:	Registration, Response Systems, Rescue Tools, NIMS/ICS/Resource Management, Leadership and Followership, Psychological Considerations, Media and Press Communications, Environment, Safety and Personal Protective Equipment, Medical, Crack and Crevice, Hauls and Lowers/Litter Rigging/Edge Attendant
Day Two:	Single Rope Technique, Knots, Patient Packaging, Litter Movement, Obstacle Course
Day Three:	Bluff/In-cave Exercises (Hauls and Lower, Crack and Crevice) Bring lunch, water, snacks
Day Four:	In-cave exercise and evaluation – Bring lunch, water, snacks
Day Five:	Review, Skills Testing, Survey, and 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.)