ALABAMA FIRE COLLEGE AND PERSONNEL STANDARDS & EDUCATION COMMISSION

COURSE SYLLABUS

Technical Rescue Personnel (TRP): Watercraft Rescue Awareness, Operations, and Technician **FSC 236** **40 clock hours**

PREREQUISITES

- (Pro Board or IFSAC) Certified Rescue Technician: Surface Water
- (Pro Board or IFSAC) Certified Rescue Technician: Swiftwater
- Valid State Boat Operators License

REQUIRED COURSE MATERIALS

- ***Jones & Bartlett: Water Rescue Principles and Practice to NFPA 1006 and 1670 Surface, Swiftwater, Dive, Ice, Surf, and Flood, Third Edition***

Other Required Equipment:

- Water helmet or climbing helmet (no firefighting helmets)
- Wetsuit or dry suit
- Water boots or tennis shoes
- Water gloves
- Coast Guard approved Type V personal flotation device
- 2 forms of waterproof light (waterproof flashlight and glow stick for night drill)
- Students are strongly encouraged to bring watercraft from their agency as well as fuel, oil, and spare props. This will help with agency watercraft familiarization.

DESCRIPTION

This course is based on NFPA 1006: *Standard for Technical Rescue Personnel Professional Qualifications,* Chapter 22, 2021 Edition. This course is designed to introduce students to Watercraft Operation on Surface Water and Swiftwater.

STUDENT LEARNING OBJECTIVES

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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 2: Watercraft Rescue Operations Chapter 3: Watercraft Rescue Technician Chapter 16: Helicopter Rescue Support • Helicopter Ops & Surface/Swift Review • Navigation & watercraft rules of the road • Boat Review, launch, motor, and boat familiarization • Anatomy of the boat/motor • Boat types • Motor types • Emergency IRB repair • Shaft and prop info- Basic motor and prop repair • Review of Emergency needs equipment • Crew positions and responsibilities • Launch techniques both backing trailers and hand launch • In water boat familiarization
Day Two:	• In water boat familiarization • Boat Rigging • Dewatering techniques • Towing for emergencies • Boat course work • J- Turns • Maintaining position in current and eddy hopping (positioning) • Urban operations • Bridge approaches • Boat ferries
Day Three:	• J-Turns • Pacing or coming in alongside a victim • COB Event rescue- Rescuer overboard • Review of getting victims in boat- Parbuckling and stokes • Body bag recoveries • Live victim rescues with review of methods to get victims in boat • Parking in current for cars and trees • Making rescues off cars and trees • Rescue swimmer operations • Night ops overview-boat rigging for night ops • Search operations • Navigation to predesignated points
Day Four:	• Boat rigging for towing • Boat towing • Setting anchors • Scenarios
Day Five:	• Review of all knowledge • JPR testing • Equipment cleaning & inventory • AFC certification written 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.)