

# ALABAMA FIRE COLLEGE

## AND PERSONNEL STANDARDS & EDUCATION COMMISSION



### COURSE SYLLABUS

**Fire Apparatus Operator: Aerial**

**FSC 275**

**40 clock hours**

### PREREQUISITES

- Valid Driver's License
- (PB/IFSAC) Certified Fire Fighter I or Volunteer Fire Fighter
- (PB/IFSAC) Certified Fire Apparatus Operator: Pumper
- Successful completion of Emergency Vehicle Driver course or previous Fire Apparatus Operator certification

### REQUIRED COURSE MATERIALS

- ***IFSTA: Pumping and Aerial Apparatus Driver/Operator Handbook, Third Edition***

#### **Other Equipment:**

- NFPA compliant helmet
- Boots with safety toe
- Hand protection

### DESCRIPTION

This course is based on NFPA 1002: *Standard on Fire Apparatus Driver/Operator Professional Qualifications*. This course is designed to provide the structural Fire Fighter with the needed knowledge and skills to successfully operate an aerial apparatus. A must for departments using aerial apparatus, this course covers such topics as Types and Construction of Aerial Apparatus, Positioning Aerial Apparatus, Stabilizing Systems, and Maintenance and Testing.

### STUDENT LEARNING OBJECTIVES

- Maneuver and position an aerial apparatus
- Stabilize an aerial apparatus
- Maneuver and position an aerial device
- Lower an aerial device using emergency power
- Deploy and operate an elevated master stream

### 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:	Introduction: Chapter 16, 17, 18
Day Two:	Chapters 19, 20
Day Three:	JPR Practical Skills Exercises and Practice
Day Four:	JPR Practical Skills Exercises and Practice
Day Five:	JPR Skills Testing; Review, Paperwork; 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.)