



ALABAMA FIRE COLLEGE

FIRE APPARATUS OPERATOR: PUMPER

SYLLABUS

FSC 273

40 CLOCK HOURS

Prerequisite(s)	<ul style="list-style-type: none"> • 18 years of age • High School Diploma/GED • Valid Driver's License • (Pro Board or IFSAC) Certified Fire Fighter I or Volunteer Fire Fighter • Successful completion of Emergency Vehicle Driver course or previous FAO certification
Course Description	This course and the exams are based on NFPA 1002: Standard on Fire Apparatus Driver/Operator Professional Qualifications , This course is designed for the firefighter who wishes to advance to the next level of his/her career. This course consists of six modules: Preventive Maintenance, Tests and Inspections, Driving/Operating, Water Supply, Sprinklers and Standpipes, and Operations. This is a physically demanding course which requires students to be in good physical condition.
Student Learning Objectives	<ul style="list-style-type: none"> • Operate a fire pump from a pressurized water source. • Operate a fire pump from a static water source. • Pump a supply line to another pumper. • Produce effective hand and master streams. • Produce a foam fire stream. • Supply water to a fire sprinkler and standpipe system.
Required textbook and Course Materials	<ul style="list-style-type: none"> • <u><i>Pumping and Aerial Apparatus Driver/Operator Handbook, IFSTA, 3rd Edition</i></u> <p>Other Equipment</p> <ul style="list-style-type: none"> • Calculator • NFPA-Compliant Helmet • Boots with Safety Toe • Hand Protection
Reading Prior to Arrival	<ul style="list-style-type: none"> • Textbook material suggested
Daily Activities and Class Participation	This course will involve discussion, questions and answers on the materials, and case studies. Class participation is expected from all students.
Basis	Alabama Fire College and Personnel Standards Commission, Administrative Code, Chapter 360-X-7-.02: Requirements for Certified Apparatus Operator: Pumper Operator
Certification Requirements	To be issued certification, the candidate will: <ul style="list-style-type: none"> • provide documentation of prerequisites. • complete required training hours including skills training. • successfully complete cognitive written exam. • successfully complete practical exam.
Grade Assessment	<ul style="list-style-type: none"> • Written Examination: Perform to a minimum 70% competency on the examination, calculated at 50% of the final score for the course. (One retest is allowed after 30 days but within one year of course end date.) • Practical Examination (if applicable): 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 level of skill sheets. Skill sheets will be randomly selected by AFC Certification Unit for this practical examination. The Practical Examination portion is calculated at 50% of the final score. (One retest is allowed after 30 days but within one year of course end date.) <p>Example:</p> <p>Written examination - 70/100 possible points 70 x 50% = 35 points awarded for written exam portion</p> <p>Practical/project - 40/100 possible points 40 x 50% = 20 points awarded for practical portion</p>

	Total Points = 55 points (student awarded F, score not 70%>)
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.
Contact Information	Link: Alabama Fire College Website 1-800-241-2467 Link: Alabama Fire College Bookstore Website 1-866-984-3545
Academic Misconduct	Academic misconduct or dishonesty, such as cheating and plagiarism, is not permitted in class. Suspected cases of academic misconduct will be reported to the Executive Director. Conduct detrimental to the fire service, on or off campus, will not be tolerated. AFC will investigate any complaints. If a complaint is valid, the student will be dismissed and his/her agency will be notified.
Attendance Policy	Attendance will be recorded at every class or lab meeting at the beginning of class and after long breaks for required hours. For a week-long certification course, students are required to attend all sessions to obtain certification. For VA students, it is especially important because they will receive benefits only for those days in attendance. Special Policy: Fire Fighter I/II: Students are expected to attend all classes. Failure to appear in class for a scheduled activity will be considered an absence unless prior permission is received from the instructor. For any absence to be excused and makeup work allowed, it must be accompanied by a written description of extenuating circumstances. No-Show: Students who have registered for a fee-waived or stipend course and fail to withdraw, according to Alabama Fire College withdrawal policy, will not be allowed to register for another fee-waived or stipend course for a period of one year. Department Delivery: In order to qualify for department delivery courses, students must be an Alabama resident or a member of an Alabama fire department.
Tardiness	Students must adhere to class schedules. Students are required to be punctual for all classes and class activities. Classes will begin promptly at the scheduled time unless specific instructions are given otherwise.
Safety	Safety of the students is the top priority for Alabama Fire College. Students must adhere to safety regulations while attending a class at the Fire College. Safety instructions are posted in every classroom, as well as escape routes and tornado actions.
Quality Enhancement Plan	An evaluation form will be provided for each student at the end of the course. Students may use this evaluation form as a means of communicating their opinion of the overall course, course content, instructor, and facilities.
Course Schedule	<i>Suggested Course Schedule</i> Day One: Introductions: Chapters 4, 5, 6 Day Two: Chapters 7, 8, 9 Day Three: Chapters 10, 11, 12, 14, 15 Day Four: JPR Practical Skills Exercises and Practice Day Five: JPR Practical Skills Testing; Review; Survey; Written Certification Exam <i>The schedule is subject to change.</i>