

ALABAMA FIRE COLLEGE

AND PERSONNEL STANDARDS & EDUCATION COMMISSION



COURSE SYLLABUS

Facility Fire Brigade Advanced Exterior Member

FSC 108

40 clock hours

PREREQUISITES

- 18 years of age
- A candidate must be physically able to perform the tasks associated with fire brigade training
- (Pro Board or IFSAC) Certified Incipient Industrial/Facility Fire Brigade Member
- (Pro Board or IFSAC) Certified Hazardous Materials Operations level

REQUIRED COURSE MATERIALS

- *Industrial Fire Brigade Principles and Practice, 1st Edition Revised*

DESCRIPTION

This course is based on NFPA 1081: *Standard for Facility Fire Brigade Member Professional Qualifications*, 2018 Edition. It is designed for the person who seeks the knowledge and skills to function as a member of an organized facility fire brigade providing services at a specific facility or site. This level is specifically designed for individuals that will be fighting fire offensively outside of an enclosed structure when the fire is beyond the incipient stage.

STUDENT LEARNING OBJECTIVES

- Respond to a facility emergency
- Return equipment to service
- Complete a basic incident report
- Extinguish fires
- Conserve property
- Exit hazardous areas
- Activate a fixed protection system
- Utilize a master stream
- Establish a water supply for fire-fighting operations
- Perform a fire safety survey in a facility
- Utilize a pre-incident plan
- Interface with outside and mutual aid organizations
- Use thermal protective clothing during exterior firefighting operations
- Use SCBA and PASS device during exterior firefighting operations
- Attack an exterior fire operating as a member of a team
- Conduct search and rescue operations operating as a member of a team
- Conserve property operating as a member of a team
- Overhaul a fire scene
- Operate a member of a rapid intervention crew
- Gain access to facility locations
- Extinguish an ignitable liquid fire operating as a member of a team
- Control a flammable gas fire operating as a member of a team
- Extinguish an exterior fire using special extinguishing agent other than foam
- Interpret alarm conditions
- Activate a fixed fire suppression system

- Utilize tools and equipment assigned to the facility fire brigade
- Set up and use portable ladders
- Exit a hazardous area as a team
- Extinguish a Class C (electrical) fire
- Develop an initial action plan
- Implement an action plan at an emergency
- Coordinate multiple resources
- Implement support operations at an incident
- Attack a vehicle fire

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 WILL BE ORGANIZED AFTER FACILITY SPECIFIC NEEDS HAVE BEEN DETERMINED

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.)

Required Yes or No	Facility Specific JPRs - Advanced Exterior
	Facility Fire Safety Survey, 5.3.1
	Gaining Access/Reading Site Drawings, 5.3.2
	Operating a Deck Gun, 5.3.3
	Operating a Portable Monitor, 5.3.3
	Extinguish an Ignitable Liquid Fire, 5.3.4
	Control a Flammable Gas Fire, 5.3.5
	Special Agent Extinguisher, 5.3.6
	Interpreting Alarm Conditions, 5.3.7
	Operating Fixed Fire Protection System, 5.3.8
	Extinguish an Electrical Fire, 5.3.9
	Utilize Tools/ Equipment, 5.3.10
	Two Firefighter Ladder Carry and Raise, 5.3.11
	Respond on an Apparatus, 5.3.12
	Attack a Vehicle Fire, 5.3.13