# ALABAMA FIRE COLLEGE

## Advanced Exterior Industrial Fire Brigade Member

### Syllabus

**FSC 108**

**40 Clock Hours**

| Prerequisite(s) | 18 years of age  
|                | Incipient Industrial Fire Brigade Member |

### Course Description

This course is based on NFPA 1081, "Standard for Industrial Fire Brigade Member Professional Qualifications" and may lead to ProBoard certification. It is designed for the person who seeks the knowledge and skills to function as a member of an organized industrial 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. Campus Delivery Only. (Classes that are delivered either at the Alabama Fire College or an RTC or other area as approved by the Regional Coordinator and Training Staff at AFC.) (This course does not meet the NFPA 1001, Standard for Fire Fighter Professional Qualifications)

### Student Learning Objectives

- Initiate a response to a reported emergency
- Transmit and receive messages via the facility communications system
- Respond to a facility emergency
- Return equipment to service
- Complete a basic incident report
- Extinguish fires
- Conserve property
- Exit hazardous areas
- Attack an incipient stage fire
- Activate a fixed protection system
- Utilize a master stream
- Establish a water supply for fire-fighting operations
- Perform a fire safety survey in 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 industrial fire brigade
- Set up and use portable ladders
- Use thermal protective clothing during structural firefighting operations
- Use SCBA and PASS device during interior fire fighting operations
- Attack an interior fire operating as a member of a team
- Force entry into a structure
- Perform ventilation on a structure operating as a member of a team
- Exit a hazardous area as a team
- Extinguish a Class C (electrical) fire
- Assign tasks or responsibilities to members
- Develop an initial action plan
- Implement an action plan at an emergency situation
| Required textbook and Course Materials | • **Alabama Fire College Bookstore Website**  
| | • *Industrial Fire Brigade Principles and Practice*; Jones & Bartlett, First Edition |
| Required Reading Prior to Arrival | • Appendix “A” Pages 788-803 of textbook |
| Daily Activities, Class Participation | This course will involve discussion, questions and answers on the material, and case study. Class participation is expected from all students. |
| Certification Requirements | To be issued certification for Industrial Fire Brigade at the Incipient, Advanced, Exterior, Member and Leader levels, the candidate will:  
| | • Provide successful completion/documentation of prerequisites  
| | • Complete required training hours including skills training (minimum 40 per level)  
| | • Successfully complete written exams (per level)  
| | • Successfully complete practical/skills exam (per level) |
| Accreditation | The Alabama Fire College and Personnel Standards Commission maintains accreditation with the 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. The AFC will investigate any complaints, and if a complaint is valid, the student will be dismissed and his/her agency will be notified. |
| Attendance Policy | 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, it must be accompanied by written description of extenuating circumstances. For a certification course, students must attend all classes to obtain certification. |
| 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 top priority to the 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. Please use this evaluation form as a means of communicating your opinions on the course, course content, instructor and facilities. |