

# ALABAMA FIRE COLLEGE

## AND PERSONNEL STANDARDS & EDUCATION COMMISSION



### COURSE SYLLABUS

#### **Hazardous Materials/WMD: Incident Commander**

**FSC 172**

**40 clock hours (minimum)**

#### PREREQUISITES

- 18 years of age
- (Pro Board or IFSAC) Certified Hazardous Materials - Awareness and Operations, or Alabama Certified Fire Fighter I or Volunteer Fire Fighter

#### REQUIRED COURSE MATERIALS

- [\*Hazardous Materials Managing the Incident, Jones & Bartlett, Revised 5<sup>th</sup> Edition\*](#)
- [\*NIOSH Pocket Guide \(Hard Copy\) or Accessible Electronic Version\*](#)
- Laptop with Windows, Microsoft Office with PowerPoint, and PDF capability

#### DESCRIPTION

This course is based on NFPA 470: *Hazardous Materials/Weapons of Mass Destruction Standard for Responders*. This course supplies the Incident Commander with the knowledge and skills to perform his/her role as the person responsible for all decisions relating to the management of the incident at releases or potential releases of hazardous materials. The candidate will learn about personal protective clothing, decontamination, branch functions with the Incident Command System, and the overall tactics to properly mitigate a hazardous materials incident.

#### STUDENT LEARNING OBJECTIVES

- Analyze a hazardous materials incident.
- Plan a response operations.
- Implement a response.
- Evaluate the progress of the planned response.
- Terminating the incident.

#### 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)

### 5-DAY SCHEDULE

Day One:	Chapters 1-3 and Activity 1 (Exposure Values, Hazard and Risk Analysis, and Incident Command Structure)
Day Two:	Chapters 5-7 and Activity 2 (Product Data Sheet and Hazard Assessment)
Day Three:	Chapters 9-11 and Activity 3 (Predicting HM Behavior) and Activity 4 (PPE Selection and Site Safety Control Plan)
Day Four:	Chapter 12-14 and Activity 5 (Developing an Incident Action Plan and Incident Termination) and begin Final Activity
Day Five:	Final Activity Group Presentations and Written Testing

## 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.)