

# Fire Science Hazardous Materials Specialist Certificate, COA

Students who wish to concentrate on meeting the requirements for Hazardous Material Specialist for entry level employment in the fire service or promotional opportunities will develop the required knowledge, skills and abilities in the area of Hazardous Materials and in fire suppression, fire prevention, training and administration. Opportunities also exist with private industry safety programs, insurance companies and fire equipment manufacturing firms. Through the expertise of the faculty and the exposure to professional fire service personnel, students can expect to be trained in the latest theories and techniques in Hazardous Materials, fire technology, firefighting skills and emergency medical training.

## Requirements 19.75 Units

Course	Title	Units
FST090	Pre-Service Academy	0.25-12
EMS161	Emergency Medical Technician Refresher	1-1.5
FST152	Haz Mat Technician 1A: Basic Chemistry	2
FST153	Haz Mat Technician 1B: Applied Chemistry	1.75
FST154	Haz Mat Technician 1C: Incident Considerations	1.75
FST155	Haz Mat Technician 1D: Tactical Field Operations	1.75
FST157	Haz Mat Specialist 1F: Specialized Mitigation Techniques	1.75
FST158	Haz Mat Specialist 1G: Tactical Field Operations	1.75

## Electives (Choose 10.25 units of FST electives 100 level or above)

Course	Title	Units
FST	ELECTIVE: 100 - Level or above	3
FST	ELECTIVE: 100 - Level or above	3
FST	ELECTIVE: 100 - Level or above	3
FST	ELECTIVE: 100 - Level or above	3
FST	ELECTIVE: 100 - Level or above	3
FST	ELECTIVE: 100 - Level or above	3
FST	ELECTIVE: 100 - Level or above	3

**Total Required Units: 30 units**