

FIRE SCIENCE TECHNOLOGY PROGRAM

**FIRE INVESTIGATION SPECIALIST (FIS)
28 CREDIT CAREER CERTIFICATE**

This Fire Investigation Specialist Certificate includes training in various categories of fire hazards, fuel and oxygen supply hazards, and analysis and identification of heat sources. Techniques and procedures used in fire investigation including cause and origin of fires, fire chemistry, fire behavior, structural fire patterns, detecting arson as cause of fire, and roles and responsibilities associated with an investigator and crime laboratories will be covered. This certificate will also include the study of building construction and its effects under fire conditions, and will address speaking to the public and compiling written reports upon interviewing witness for investigation of fire incidents. This certificate will assist established career, industrial fire protection, paid-on-call, or volunteer firefighters and emergency service personnel in promotional opportunities.

CERTIFICATE REQUIREMENTS			CREDIT HOURS
FIR	120	Hazardous Materials.....	3
FIR	150	Introduction to Fire & Emergency Services Administration	3
FIR	180	Fire Investigation I	3
FIR	240	Building Construction for Fire Protection.....	3
FIR	270	Fire Behavior and Combustion	3
FIR	280	Fire Investigation II	3
ENG	101	Rhetoric I	3
SPE	101	Principles of Public Speaking	3
CHM	100	Fundamentals of Chemistry.....	4
			Overall Total 28

NOTE:

* Students must complete all FIR courses with a minimum grade of "C."