

FIRE SCIENCE TECHNOLOGY

Certificate

(Christanna and John H. Daniel Campuses)

Purpose: The certificate program in Fire Science Technology is designed to provide a broad-based knowledge of current and future advances in the Fire Science Technology field. Emerging technology in the fire and emergency service field requires that personnel keep abreast of the latest changes in specialized equipment and technology.

Program Goals: This program is designed for students desiring to advance in the fire protection service or related occupations. The program also provides knowledge of fire protection fundamentals that are useful in the development of volunteer fire and rescue personnel.

Occupational Objectives: Firefighter, fire officer, fire protections specialist, fire/emergency service instructor, fire or building inspector, fire investigator, rescue technician, emergency medical service,

hazardous materials service, emergency manager, occupational safety and risk management, and related occupations.

Admission Requirements: Entry into the Fire Science Technology program requires the general college admission process.

Program Description: The certificate program is designed to provide full transferability to an AAS program where more in-depth knowledge in management is emphasized. Students who enter the Fire Science Technology program should interview with the program advisor prior to or during their first semester to appropriately plan their individual study in the Fire Science Technology program.

There are no physical requirements such as height, weight, eyesight, and physical dexterity to enter the program; however, the student should understand that there may be some requirements such as these to be eligible for employment in the fire/rescue service agencies.

Course Number	Course Title	Lecture Hours	Lab Hours	Course Credits
FIRST SEMESTER				
SDV 100	College Success Skills	1	0	1
ENG 111	College Composition I	3	0	3
	OR			
ENG 137	Communication Processes I			
FST 100	Principles of Emergency Services	3	0	3
ITE 115	Intro to Computer Applications & Concepts	3	0	3
FST 110	Fire Behavior and Combustion	3	0	3
EMS 111	Emergency Medical Technician/Basic	4	4	6
	Total	17	4	19
SECOND SEMESTER				
ENG 112	College Composition II	3	0	3
	OR			
ENG 115	Technical Writing			
	OR			
ENG 138	Communication Processes II			
FST 112	Hazardous Materials Chemistry	3	0	3
FST 115	Fire Prevention	3	0	3
FST 120	Occupational Safety & Health for Fire Service	3	0	3
FST EEE	Fire Science Technology Elective	3	0	3
	Total	15	0	15

Total Credits for Certificate of Fire Science Technology 34