

Fire Science · Certificate

Program Description

The Fire Science Technology is an Associate of Applied Science (AAS) degree designed to meet the needs of fire protection and safety personnel. The program will prepare you for a career in fire science or a related field. Courses are offered through traditional classroom instruction, independent study, and hands on training in conjunction with local fire departments.

Career Information.

The Fire Science Technology program prepares students for entry level positions in the fire service industry.

Student Name _____ Student Number S _____

Basic Fire Science

One Semester– 9 credits

Course	Program Course Titles	Credits
FST 102	Principles of Emergency Services	3
FST 103	Fire Behavior and Combustion Processes	3
FST 109	Occupational Safety and Health of Fire	3

Award Code U_CER_FIFB

Fire Investigator I

One Semester – 9 credits

Course	Program Course Titles	Credits
FST 103	Fire Behavior and Combustion Processes	3
FST 205	Fire Investigation I	3
FST 252	Fire Investigation II	3

U_CER-FRNV

Firefighter I

One Semester – 12 credits

Course	Program Course Titles	Credits
FST 100	Firefighter I	9
FST 107	Hazardous Materials Operations	3

Award Code U_CER_FF1

Vehicle Extrication

One Semester – 3 credits

Course	Program Course Titles	Credits
FST 126	Vehicle Extrication Awareness Level	1
FST 127	Vehicle Extrication Operations Level	2

Award Code U_CER_FRHR

CIP code 430203

Fall 2019 BH

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Fire Officer I

One Semester – 12 credits

Course Prefix/ Credit hours	Courses	Credits
FST 201	Instructional Methodology	3
FST 206	Fire Company Supervision/Leadership	3
FST 253	National Incident Management Systems (NIMS)	3
FST 255	Fire Service Management	3

Award Code U_CER_FRO1

Basic Firefighter – Structural (Fire Academy)

Students must apply to the Fire Academy

One Semester – 16 credits

Course	Program Course Titles	Credits
FST 108	Firefighter Professional Preparation	1
FST 100	Firefighter I	9
FST 107	Hazardous Materials Operations (Level I)	3
FST 160	Candidate Physical Abilities Test Prep Course	3

Award Code U_CER_FIA

Fire Prevention & Public Education

One Semester – 14 credits

Course	Program Course Titles	Credits
FST 106	Fire Inspection Prevention	3
FST 150	Introduction to Fire Prevention Education	3
FST 204	Principles of Code Enforcement	3
FST 208	Fire Plans Review and Acceptance Testing	2
FST 209	Fire Protection Systems	3

Award Code U_CER_FRNS