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Fire Science - CERT C

Degree Pathway

A Certificate is outlined coursework that is designed to prepare a student to head out into the workforce in a short timeframe or for career advancement. This certificate totals 48.5 credit hours. Consult with an advisor for more information.

(T) are Systemwide Transfer Courses

Required Courses			
Course ID	Course Title	Credit Hours	Notes
EM110	Emergency Medical Technician	10.00	Fall, Spring, Summer
FS106	Basic Vehicle Extrication	1.00	Fall, Spring
FS110	Firefighter I	4.00	Fall, Spring
FS113	Firefighter II	3.00	Fall, Spring
FS120	Wildland Firefighter Type II	3.00	Fall, Spring
FS130	Introduction to Fire Ground Strategy and Tactics	3.00	Fall, Spring, Summer
FS150	Hazardous Materials Operations (First Responder)	1.50	Fall, Spring
FS151	Fireground Operations	1.00	Fall, Spring
FS175	Intro. to Fire & Emergency Services Administration	3.00	Fall, Spring, Summer
FS203	Fire Hydraulics	3.00	Fall, Spring, Summer
Electives			
Course ID	Course Title	Credit Hours	Notes
Fire Science Electives		16.00	
EM131	Cardiac Care (CPR)	0.50	Fall, Spring, Summer
FS102	Construction Methods and Materials	3.00	Fall, Spring, Summer
FS103	Introduction to Professional Firefighting	3.00	Fall, Spring
FS104	Fundamentals of Fire Prevention	3.00	Fall, Spring, Summer
FS105	Fire Attack	1.00	Fall, Spring
FS107	Basic Confined Space Rescue I	1.50	Fall, Spring Prereq: FS108 Rope Rescue I, or Departmental Consent.
FS108	Rope Rescue I	1.50	Fall, Spring
FS109	Rope Rescue II	1.50	Fall, Spring Prereq: FS108 Rope Rescue I, or Departmental Consent.
FS111	Hazardous Materials Awareness	1.00	Fall, Spring
FS114	Fire Science Update	1.00	
FS118	Rope Rescue III	1.00	Prereq: FS108 Rope Rescue I.
FS122	Incident Command System	1.00	Fall, Spring
FS124	Wildland Firefighter Internship I	2.00	Spring
FS125	Fire Service Internship I	1.00	Fall, Spring
FS126	Portable Pumps and Water Use	1.00	Spring
FS127	Wildland Fire Powersaw Operations	2.00	Spring
FS128	Wildland Firefighter Firing Operations	1.00	Spring
FS132	Basic Scuba Diving	2.00	
FS141	Fire Dynamics	3.00	Spring, Summer
FS145	Firefighter Fitness and Conditioning I	1.00	Fall, Spring
FS146	Firefighter Fitness and Conditioning II	1.00	Fall

FS153	Engine Company Operations	1.00	Fall, Spring
FS155	Ice Rescue Operations	1.50	Fall, Spring
FS156	Ice Rescue Technician	1.00	Fall, Spring
FS160	Rapid Intervention Team	1.00	Fall, Spring
FS161	Fire Rescue Special Operations	1.00	Fall, Spring
FS202	Fire Protection Systems	3.00	
FS204	Fire Fighting Tactics and Strategy	3.00	
FS205	Arson Investigation	5.00	
FS206	Fire Apparatus Driver/Operator	4.00	
FS209	Fire Instructor I	3.00	Fall, Spring
FS210	Fire Safety Officer	3.00	Fall, Spring
FS220	Fire Operation in the Urban Interface	2.00	
FS221	Intermediate Wildland Fire Behavior	2.00	

Total Credits: 48.50