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## Semester 1-Fall - CERT C

### Semester-by-Semester 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 49 credit hours. Consult with an advisor for more information. Not all courses are offered each semester.

(T) are Systemwide Transfer Courses

(★) are recommended for this degree pathway.

Semester 1 - Fall				
Complete	Course ID	Course Title	Credit Hours	Notes
Required Courses				
	EM110	Emergency Medical Technician	10.00	Fall, Spring, Summer
	FS102	Construction Methods and Materials	3.00	Fall, Spring, Summer
	FS103	Introduction to Professional Firefighting	3.00	Fall, Spring, Summer
	FS110	Firefighter I	5.00	Fall, Spring, Summer
	FS113	Firefighter II	4.00	Fall, Spring, Summer
	FS150	Hazardous Materials Operations for First Responder	3.00	Fall, Spring, Summer
Electives				
Semester Total:			28.00	

Semester 2 - Spring				
Complete	Course ID	Course Title	Credit Hours	Notes
Required Courses				
	FS120	Wildland Firefighter Type II	3.00	Fall, Spring
	FS126	Portable Pumps and Water Use	1.00	Fall, Spring
	FS127	Wildland Fire Powersaw Operations	2.00	Fall, Spring
	FS128	Wildland Firefighter Firing Operations	1.00	Fall, Spring
	FS130	Introduction to Fire Ground Strategy and Tactics	3.00	Fall, Spring, Summer
	FS141	Fire Dynamics	3.00	Fall, Spring, Summer
	FS175	Intro. to Fire & Emergency Services Administration	3.00	Fall, Spring, Summer
	FS203	Fire Hydraulics	3.00	Fall, Spring, Summer
Electives				
	Fire Science Electives		2.00	
Semester Total:			21.00	

**Total Credits: 49.00**

\*Semester offerings reflect the current academic year.

Fire Science Electives			
Course ID	Course Title	Credit Hours	Notes
EM131	Cardiac Care (CPR)	0.50	Fall, Spring, Summer
FS105	Fire Attack	1.00	Fall, Spring
FS107	Basic Confined Space Rescue I	1.50	Prereq: FS108 Rope Rescue I, or Departmental Consent.
FS108	Rope Rescue I	1.50	Fall, Spring
FS109	Rope Rescue II	1.50	Prereq: FS108 Rope Rescue I, or Departmental Consent.
FS122	Incident Command System	1.00	Fall, Spring
FS124	Wildland Firefighter Internship I	2.00	Spring
FS125	Fire Service Internship I	1.00	
FS141	Fire Dynamics	3.00	Fall, Spring, Summer
FS145	Firefighter Fitness and Conditioning I	1.00	Fall
FS146	Firefighter Fitness and Conditioning II	1.00	
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
FS205	Arson Investigation	5.00	
FS206	Fire Apparatus Driver/Operator	4.00	Spring
FS209	Fire Instructor I	3.00	Fall, Spring
FS210	Fire Safety Officer	3.00	Fall, Spring

**Program Notes:**

A grade of "C" or better is required for all degree-specific courses.