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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.

( ) 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 2026, Spring 2027, Summer 2027
	FS102	Construction Methods and Materials	3.00	Fall 2026, Spring 2027, Summer 2027
	FS103	Introduction to Professional Firefighting	3.00	Fall 2026, Spring 2027, Summer 2027
	FS110	Firefighter I	5.00	Fall 2026, Spring 2027, Summer 2027
	FS113	Firefighter II	4.00	Fall 2026, Spring 2027, Summer 2027
	FS150	Hazardous Materials Operations for First Responder	3.00	Fall 2026, Spring 2027, Summer 2027
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 2026, Spring 2027
	FS126	Portable Pumps and Water Use	1.00	Fall 2026, Spring 2027
	FS127	Wildland Fire Powersaw Operations	2.00	Fall 2026, Spring 2027
	FS128	Wildland Firefighter Firing Operations	1.00	Fall 2026, Spring 2027
	FS130	Introduction to Fire Ground Strategy and Tactics	3.00	Fall 2026, Spring 2027, Summer 2027
	FS141	Fire Dynamics	3.00	Fall 2026, Spring 2027, Summer 2027
	FS175	Intro. to Fire & Emergency Services Administration	3.00	Fall 2026, Spring 2027, Summer 2027
	FS203	Fire Hydraulics	3.00	Fall 2026, Spring 2027, Summer 2027
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 2026, Spring 2027
FS105	Fire Attack	1.00	
FS107	Basic Confined Space Rescue I	1.50	Prereq: FS108 Rope Rescue I.
FS108	Rope Rescue I	1.50	Fall 2026, Spring 2027
FS109	Rope Rescue II	1.50	Prereq: FS108 Rope Rescue I.
FS122	Incident Command System	1.00	Fall 2026, Spring 2027
FS124	Wildland Firefighter Internship I	2.00	
FS125	Fire Service Internship I	1.00	
FS141	Fire Dynamics	3.00	Fall 2026, Spring 2027, Summer 2027
FS145	Firefighter Fitness and Conditioning I	1.00	Fall 2026
FS146	Firefighter Fitness and Conditioning II	1.00	Spring 2027
FS153	Engine Company Operations	1.00	Spring 2027
FS155	Ice Rescue Operations	1.50	Spring 2027
FS156	Ice Rescue Technician	1.00	Spring 2027
FS160	Rapid Intervention Team	1.00	Fall 2026
FS161	Fire Rescue Special Operations	1.00	Fall 2026
FS205	Arson Investigation	5.00	
FS206	Fire Apparatus Driver/Operator	4.00	Spring 2027
FS209	Fire Instructor I	3.00	Fall 2026, Spring 2027
FS210	Fire Safety Officer	3.00	Fall 2026, Spring 2027

Program Notes:

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