

# FIRE TECHNOLOGY

## Certificate of Achievement

### Fire Technology

Required Core Courses: 18 units

Total Core Units: 30 units

Course Number	Course Title	Fall	Spring
FS 3	Fundamentals of Fire Prevention		3(even)
FS 4	Fire Protection Equipment and Systems	3(odd)	
FS 5	Fire Organization and Management	3(odd)	
FS 6	Building Construction for Fire Protection	3(even)	
FS 13	Fire Behavior and Combustion		3(even)
FS 14	Principles of Fire Safety and Survival		3(odd)

Required Electives: Select 12 units from the following:

Course Number	Course Title	Fall	Spring	Summer
BUS 27	Business Communications	3	3	
EMT 21	Emergency Medical Responder	2	2	
EMT 60	Emergency Medical Technician	6.5		
FS 8	Wildland Fire Suppression		2	
FS 20	First Aid/CPR for Public Safety Employees		0.5	
FS 23	Vehicle Operations	Scheduled	as	needed
FS 26	Basic Air Operations (S-270)	Scheduled	as	needed
FS 49	Fire Technology Work Experience	1-8	1-8	
FS 51	Introduction to Fire Technology Careers	1		
FS 52	Incident Command System (I-200/300)	2		
FS 53	Introduction to Incident Command System		0.5	
FS 54	National Incident Command System	0.5	0.5	
FS 55	Fire Investigation	3		
FS 56	Helicopter Crewmember (S-271)	Scheduled	as	needed
FS 57	Auto Extraction		0.5	
FS 58	Introduction to Wildland Fire Behavior	0.5	0.5	
FS 59	Confined Space Awareness	0.5	0.5	
FS 60	Wildland Firefighter (CDF Basic 67)			3
FS 60A	Basic Fire Crew Firefighter	3	3	3
FS 61	Basic Firefighter Training (Basic 32)		2	
FS 64	Fire Instructor 1-Instructor Methodology		2.5	
FS 66	Fire Prevention 1	2.5 (even)		
FS 69	Fire Management 1	2 (odd)		
FS 70	Dozer Boss (S-232)		1 (odd)	
FS 70A	Single Resource Boss Academy		2.5 (odd)	
FS 70B	Engine Boss (Single Resource)	Scheduled	as	needed
FS 72	First Responder -Hazardous Materials	1		
FS 72A	First Responder – Hazardous Materials Refresher	Scheduled	as	needed
FS 73A	Incident Business Management (S-260)	1(even)		
FS 73B	Applied Business Management (S-261)	1(even)		
FS 74	Fire in the Interface (S-215)	1.5(even)		
FS 75	Fire Behavior (S-290)		2 (even)	
FS 76	Firefighter Type 1 (Squad Boss S-131)	0.5		
FS 77	Human Factors on the Fireline (L-180)		0.5	
FS 78	Followership to Leadership (L-280)			0.5

FS 79A	Ground Support Unit Leaders (S-355)		2	
FS 80	Firefighter Survival		0.5	
FS 81	Wildland Firefighter Safety and Survival	0.5	0.5	
FS 82	Fire Command 1A		3 (even)	
FS 83	Fire Command 1B	3 (even)		
FS 84	Lessons Learned (Fatality Fire Case Studies)		1	
FS 85	Understanding Maps, Compass & GPS		1 (odd)	
FS 86	Emergency Vehicle Operation	0.5		
FS 87	Expanded Dispatch Recorder (D-110)		1 (even)	
FS 88	Initial Attack Incident Commander		1	
FS 89	Wildland Fire Chainsaws		1.5	
FS 90	Portable Pumps and Water Use (S-211)		1	
FS 98.18	Annual Fireline Safety Refresher Training		0.5	
FS 98.20	Annual Hired-Equipment Refresher Training		0.5	
FS 98.21	Volunteer Firefighter Academy		2.5	