

Fire Service Technology (FST)

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The Fire Service Technology program at Cincinnati State prepares students for entry-level jobs in fire service as a firefighter/emergency medical technician (EMT). This program meets National Fire Protection Association standards and objectives for Firefighter 1 and Firefighter 2, using a combination of classroom education and hands-on training. Performance testing builds student confidence and enables mastery of the skills that are critical to good performance on the fireground and during emergency medical services incidents. Graduates of the program earn an Associate of Applied Science degree.

For hands-on fire training class eligibility, students must:

- Successfully perform and complete the Fire Cadet Fitness Evaluation.
- Complete the State Application for Admission to a Fire Training Course. This application screens for age, criminal convictions, and substance abuse that may disqualify students from state certification. Documentation must be provided on questionable cases.
- Have the Physical Exam Form (for firefighters) completed by a qualified physician.
- Obtain a current CPR card for healthcare providers.
- Complete Emergency Medical Technician Basic Training.
- Present copies of previous certifications held pertaining to fire fighting and emergency medical services.

The program is accredited by The Ohio Department of Public Safety, Department of Emergency Medical Services, P.O. Box 182073, 1970 West Broad Street, Columbus, OH 43218-2073 phone: (614) 466-9447.

Graduates who complete an optional set of additional classes may continue their education with seamless transition to the University of Cincinnati to earn a bachelor's degree.

Fire Service Leadership (FSTL)

The Fire Service Leadership program provides knowledge and skills to certified firefighters who are interested in furthering their careers while earning an Associate of Applied Science degree. Firefighters must have at least five years of experience prior to beginning the second-year curriculum of this program.

The scope of fire service encompasses many community needs and fire service professionals must be prepared to respond to many demands. Leaders in today's fire service must keep up with technologies that influence change within the communities they serve and must be well-informed on topics such as health, nutrition, diversity, standard operating guidelines, emergency medical services and fire law.

Students must earn grades of C or higher in all Fire Service Leadership program courses.

Applicants must present copies of previous certifications pertaining to fire fighting and emergency medical services.

Fire Service Certificate (FSTC)

The Fire Service certificate program provides specific education, training and skills needed to obtain employment at a fire department. The Emergency Medical Technician course and the Firefighter 1 & 2 courses, included within the certificate, prepare students for the State of Ohio's certification exams. Successful completions of the state exams is required before certification cards are issued by the State of Ohio.

The Fire Service certificate program offers a fast track to employment. All credits earned while completing this certificate count towards the completion of the Fire Service Technology associate's degree.

Fire Service Technology (FST)

All degree-seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

Program Prerequisite: AFM 095 Foundations of Basic Algebra or appropriate placement test score.

Semester 1		Credits
FST 100	Fire Cadet Fundamentals	3
ENG 101	English Composition	3
FST 105	Fire Cadet Physical Preparedness	2
FST 123	Principles of Emergency Services	3
Semester 2		

ENG 102	Composition and Argument	3
FST 120	Fire Behavior and Combustion	2
FST 141	Firefighter 1	5
FST XXX Fire Service Elective 1		3
Semester 3		
COMM 110	Public Speaking	3
FST 126	Fire Protection Systems	2
FST 129	Fire Prevention	3
FST 142	Firefighter 2	5
Semester 4		
EMS 110	Emergency Medical Technician Theory and Practice	7
PSY 110	Introduction to Psychology	3
FST 228	Legal Aspects of the Emergency Services	3
Semester 5		
PHY 105	Fire Service Physics	2
FST 223	Principles of Fire and Emergency Services Safety and Survival	2
FST 226	Building Construction for Fire Protection	3
FST XXX Fire Service Elective 2		3
FST XXX Fire Service Elective 3		2
Semester 6		
SPN 100	Spanish for the Professions	2
PHI 110	Ethics	3
FST 294	Internship 1: Fire Service Technology	2
XXX XXX Health and Wellness Elective		2
Total Credits:		71

Electives

Fire Service Electives

Select four of the following:		8
FST 103	Evolution of the Fire Service	
FST 107	Home Safety	
FST 108	Emotional Preparedness for Public Safety Professionals	
FST 110	Portable Fire Extinguishers	
FST 116	Fire Apparatus and Equipment Maintenance	
FST 121	Fire Investigation 1	
FST 124	Fire and Emergency Services Administration	
FST 153	Fire Service Technology Blueprint Reading	
FST 158	Fire Alarm Basics	
FST 161	Fire Officer 1	
FST 164	Occupational Health and Safety for Emergency Services	
FST 206	Firefighter Physical Preparedness	
FST 210	Crew Resource Management	
FST 218	Wildfire Behavior and Suppression	
FST 222	Fire Investigation 2	
FST 225	Fire Protection Hydraulics and Water Supply	
FST 229	Strategies and Tactics for Fire Suppression	
FST 236	Fire Apparatus Operator	
FST 258	Rapid Assistance and Self-Rescue Operations	
FST 263	Fire Ground Operations	

FST 268	Fire Safety Inspector	
Health and Wellness Elective		
DT 120	NUTRITION FOR A HEALTHY LIFESTYLE	3
MCH 106	Health and Wellness Promotion	2
MCH 116	Cultural Competency for Health and Public Safety Professions	3

Fire Service Leadership (FSL)

All degree-seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

Program Prerequisites: AFM 095 Foundations of Basic Algebra or appropriate placement test score, and a minimum of five years of experience as a firefighter.

		Credits
Semester 1		
ENG 101	English Composition	3
FST 123	Principles of Emergency Services	3
FST 161	Fire Officer 1	3
Semester 2		
ENG 102	Composition and Argument	3
PHI 110	Ethics	3
FST 120	Fire Behavior and Combustion	2
FST 162	Fire Officer 2	3
FST 265	Fire Service Instructor	3
Semester 3		
COMM 110	Public Speaking	3
FST 129	Fire Prevention	3
XXX XXX General Elective 2		3
XXX XXX General Elective 1		2
XXX XXX General Elective 3		3
Semester 4		
PST 110	Introduction to Homeland Security	3
PSY 110	Introduction to Psychology	3
XXX XXX Law Elective		3
XXX XXX Management Elective 1		3
Semester 5		
FST 223	Principles of Fire and Emergency Services Safety and Survival	2
FST 226	Building Construction for Fire Protection	3
XXX XXX FST/EMS Elective 2		2
XXX XXX FST/EMS Elective 1		3
Semester 6		
SPN 100	Spanish for the Professions	2
FST 126	Fire Protection Systems	2
XXX XXX FST/EMS Elective 3		3
XXX XXX FST/EMS Elective 4		2

XXX XXX
 Management Elective
 2

3

Total Credits:

71

Electives

Law Elective

FST 228	Legal Aspects of the Emergency Services	3
LAW 101	Business Law	3

General Electives

Select three of the following: 8

BUS 110	Business Ethics	
COMM 105	Interpersonal Communication	
IM 111	Computer Applications 1	
IM 120	Electronic Spreadsheets: Microsoft Excel	
IM 140	Electronic Database Management: Microsoft Access	
MCH 106	Health and Wellness Promotion	
MCH 116	Cultural Competency for Health and Public Safety Professions	
PST 115	Introduction to Terrorist Groups	
PST 130	Public Safety Communication Practices	
PST 135	Disaster Preparedness for Healthcare Workers	

Management Electives

Select two of the following: 6

MGT 100	Introduction to Management	
MGT 105	Human Resource Management	
MGT 220	Leadership	
PST 100	Survey of Public Safety Issues	

FST/EMS Electives

Select five of the following: 10

EMS 110	Emergency Medical Technician Theory and Practice	
FST 103	Evolution of the Fire Service	
FST 107	Home Safety	
FST 108	Emotional Preparedness for Public Safety Professionals	
FST 110	Portable Fire Extinguishers	
FST 116	Fire Apparatus and Equipment Maintenance	
FST 121	Fire Investigation 1	
FST 124	Fire and Emergency Services Administration	
FST 141	Firefighter 1	
FST 142	Firefighter 2	
FST 153	Fire Service Technology Blueprint Reading	
FST 158	Fire Alarm Basics	
FST 163	Fire Officer 3	
FST 164	Occupational Health and Safety for Emergency Services	
FST 210	Crew Resource Management	
FST 218	Wildfire Behavior and Suppression	
FST 222	Fire Investigation 2	
FST 225	Fire Protection Hydraulics and Water Supply	
FST 229	Strategies and Tactics for Fire Suppression	
FST 236	Fire Apparatus Operator	
FST 258	Rapid Assistance and Self-Rescue Operations	
FST 263	Fire Ground Operations	
FST 268	Fire Safety Inspector	

Fire Service Certificate (FSTC)

Semester 1		Credits
FST 100	Fire Cadet Fundamentals	3
FST 105	Fire Cadet Physical Preparedness	2
EMS 110	Emergency Medical Technician Theory and Practice	7
XXX XXX Technical Elective 1		2
Semester 2		
FST 14X Firefighter Elective		10
XXX XXX Technical Elective 2		2
XXX XXX Technical Elective 3		2
XXX XXX Technical Elective 4		2
Total Credits:		30

Electives

Technical Electives

Select three of the following: 8

FST 120	Fire Behavior and Combustion
FST 123	Principles of Emergency Services
FST 124	Fire and Emergency Services Administration
FST 164	Occupational Health and Safety for Emergency Services
FST 206	Firefighter Physical Preparedness
FST 210	Crew Resource Management
FST 223	Principles of Fire and Emergency Services Safety and Survival
FST 236	Fire Apparatus Operator
FST 258	Rapid Assistance and Self-Rescue Operations
EMS 120	Paramedic Anatomy and Physiology
THZ 105	OSHA 40-Hour HAZMAT (HAZWOPER) Workshop

Firefighter Elective

Select one of the following:

FST 145	Career Firefighter 1 and 2
FST 141 & FST 142	Firefighter 1 and Firefighter 2