



FIRE PROTECTION AND SAFETY TECHNOLOGY • Associate in Science

EVENING, SOME SATURDAY COURSES AVAILABLE

✓	COURSE #	COURSE TITLE	CREDITS	PREREQUISITES
Program Requirements:				
_____	FPS 100	Introduction to Fire Protection	3	
_____	FPS 101	Fundamentals of Fire Prevention	3	FPS 100
_____	FPS 150	Hazardous Materials	3	FPS 100
_____	FPS 151	Fire Science Hydraulics	3	FPS 100, MAT 070 or eligible for MAT 080
_____	FPS 152	Fire Protection Systems and Equipment	3	FPS 100
_____	FPS 153	Building Construction for the Fire Service	3	FPS 100
_____	FPS 200	Fire Arson Investigation	3	FPS 100
_____	FPS 203	Law and the Fire Service	3	FPS 100
_____	FPS 201	Fire Company Officership or		FPS 100
_____	BUS 210	Principles of Management or		
_____	FPS 204	OSHA 40 Hour Training	3	
_____	CAP 101	Microcomputer Applications	3	ENG 060 or higher placement and either taking, having successfully completed or tested out of ENG 071 and MAT 070
_____	CHE 110	Chemistry for the Fire Service	4	MAT 070, ENG 071 or placement above or successful completion of ENG 060
_____	GOV 120	American Government	3	ENG 060 or higher placement and eligible for ENG 101.
_____	ENG 101	English Composition I	3	C- in ENG 071 or eligible for ENG 101 and placement above or successful completion of ENG 060
_____	ENG 102	English Composition II: An Introduction to Literature	3	ENG 101
_____	PSY 101	Introduction to Psychology	3	Eligible for ENG 101 and ENG 060 or higher placement
_____	SOC 101	Introduction to Sociology	3	Eligible for ENG 101 and ENG 060 or higher placement
_____	_____	Humanities Elective	3	
_____	_____	Mathematics Elective*	3	
_____	_____	Elective**	3	
_____	_____	Elective**	3	
			<u>61</u>	

* Must be above MAT 070; MAT 085 recommended

** If math, must be above MAT 070

Program Description:

The Fire Protection and Safety Technology Associate in Science degree program provides the broad based, hands-on coursework for individuals presently working in a fire-science occupation, or those seeking employment in this field. Courses are offered on the Bedford and Lowell campuses, local fire stations and online.

The program provides for a variety of careers in this field: firefighter at the city, town and state levels; military and airport facilities; departmental or regional positions; opportunities to work in fire investigation, or the state Fire Marshal's office; and emergency medical services, where firefighters and medical technicians work closely together. There are also opportunities within the business and industrial area, such as: hazardous materials, fire insurance claim investigation, fire protection engineer, hospital fire safety, fire prevention inspector, and work with National Fire Protection Association in fire investigation, publishing and establishing standards.

Career and Transfer Outlook:

Career opportunities can be plentiful because of constant retirements in the fire-service field. Also, many businesses are looking for fire safety professionals or fire investigative personnel. The MCC degree can be applied toward a bachelor's degree program in Fire and Emergency Management at Salem State College. Students may also be interested in becoming fire protection engineers.

Helpful Hints:

Training and courses taken at the Massachusetts Fire Academy, the military or from working on the job may be beneficial toward receiving transfer and life experience credits at MCC. The college also offers an Emergency Medical Training (EMT) course, which can give the successful student an advantage, as most fire departments and civil service agencies give additional points for having an EMT course.

Note: Additional coursework may be required based on college placement testing. Students are urged to meet with their academic advisor for proper course sequencing.