

Fire Science Technology Degree (FS)

Often first at the scene of a fire, traffic accident, or medical emergency, firefighters protect the public by fighting fires, treating injuries, and performing other vital functions. This program meets the needs of company firefighters with relevant coursework in building construction, fire prevention, arson investigation, and more. The Fire Science program accepts certain courses in transfer from the Mass Fire Academy. This program is for those working in the field as well as those interested in pursuing it.

Number	Suggested Course Order	Cr	Semester	Grade	Prerequisite/Notes
CIS127	Computer Technologies	3			ENG100, RDG100, or placement
ENG101	English Composition I	3			ENG100, RDG100, or placement
ENG102	English Composition II	3			ENG101
FST125	Intro. to the Fire Service	3			ENG100, RDG100, or placement
FST111	Building Construction	3			ENG100, RDG100, or placement
FST112	Fire Hydraulics	3			ENG100, RDG100, MAT096, FST125
FST113	Fire Protection Systems and Equipment	3			ENG100, RDG100, MAT096, or placement, FST125
FST114	Hazardous Materials	3			ENG100, RDG100, or placement
FST117	Fire Codes and Prevention	3			ENG100, RDG100, or placement
FST122	Fire Fighting Tactics and Strategy	3			ENG100, RDG100, or placement, FST125
FST128	Incident Command	3			ENG100, RDG100, or placement, FST125
MAT126	Topics in Mathematics (<i>or</i> higher)	3			MAT096 or placement
PER126	Fitness & Wellness	2			Prerequisites: MAT092, RDG100, or placement
	General Elective	6			Electives: any course (see page 64 for exceptions)
	Humanities Elective	3			Electives: ART, ASL, ENG, HUM, MUS, PHL, SPA, THE
	Science Elective	3/4			Electives: BIO, BTC, CHE, EAS, ENV, NRD, NUT, PHY
	Social Science Elective	3			Electives: ANT, DSI, PSY, SOC, GEO, HIS, POL, ECO, SSC
	Professional Electives	11			Includes any FST course and HCC111/112. A current EMT license will receive 8 prof. elective
Total: 64/65 credits					

Fire Academy Certificate and MWCC Course Equivalencies

Fire Academy Certificate	Number	MWCC Course	Cr
Recruit Training Program (Firefighter I/II Certificate)	PER126	Fitness & Wellness Elective	2
	FST125	Intro. to Fire Services	3
		Professional Elective	6
Firefighter I (Certificate)***		Professional Elective	3
Motor Pump Operator and Auto Sprinkler System (Certificate)***	FST112	Fire Hydraulics	3
Hazardous Materials Technical Training***	FST114	Hazardous Materials	3
		Professional Elective	3
Mass Civil Service Exam for Promotion to Fire Lieutenant <i>or</i> Captain	FST124	Fire Company Officer	3

Campus/format: This program can be completed during the evening at the Gardner Campus.

Helpful hints: Prepare to take the civil service test; it is a requirement for many fire companies. Also, students should consider completing EMT certification since fire companies are increasingly the providers for non-fire emergencies.

Transfer options: Many remain in or enter the fire science field. However, students have also transferred to Anna Maria College, which has a related program in Fire Science. Transfer agreements exist with Charter Oak State College and the University of Phoenix.

Visit MWCC's transfer planning services website: <http://transfer.mwcc.edu>.

3 Plus ONE eligible—go to: www.mwcc.edu/3PlusONE

Special requirements: Technical standards must be met with or without accommodations.

Career options: After passing the required exams, graduates can become fire fighters, and/or higher (i.e., fire lieutenant, fire captain, fire prevention/code inspector).

Earning potential: \$30,880 to \$51,466 per year.

***Proper documentation required. Certificates of attendance are not acceptable.

See page 113 of the college catalog for program competencies and technical standards.