






### Fire Science Technology




Associate in Science

Semester 1		Credits
FIRE 101	Principles of Emergency Services 	3 <input type="checkbox"/>
FIRE 103	Fundamentals of Fire Prevention 	3 <input type="checkbox"/>
CHEM 131	Survey of Chemistry 	3 <input type="checkbox"/>
CHEM 151	General Chemistry I	4 <input type="checkbox"/>
CHOOSE ONE		
ENGL 101	English Composition I	3 <input type="checkbox"/>
MATH ---	Math Elective	3 <input type="checkbox"/>






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Semester 2		Credits
FIRE 107	Legal Aspects of Emergency Services 	3 <input type="checkbox"/>
FIRE ---	Fire Science Elective	3 <input type="checkbox"/>
PHYS 120	Science of Fire and Combustion 	3 <input type="checkbox"/>
ENGL 102	English Composition II	3 <input type="checkbox"/>
PSYC 101	General Psychology	3 <input type="checkbox"/>

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Semester 3		Credits
FIRE 211	Hazardous Material Incident Response	3 <input type="checkbox"/>
FIRE 213	Building Construction, Blueprint, and Plan Review 	3 <input type="checkbox"/>
FIRE 301	Fire Company Officership - Tactics and Strategy  	3 <input type="checkbox"/>
GOVT 105	American National Government	3 <input type="checkbox"/>
GOVT 200	State and Local Government	3 <input type="checkbox"/>
CHOOSE ONE		
SOCI 104	Principles of Sociology	3 <input type="checkbox"/>

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Semester 4		Credits
FIRE 111	Fire Investigation I 	3 <input type="checkbox"/>
FIRE 205	Fire Service Safety and Survival 	3 <input type="checkbox"/>
FIRE 206	Fire Protection Systems and Equipment 	3 <input type="checkbox"/>
FIRE 208	Fire Hydraulics and Water Distribution Systems 	3 <input type="checkbox"/>
SPCH 105	Speech Communications 	3 <input type="checkbox"/>

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CONGRATULATIONS

## You've Arrived!

This academic map is a suggested semester-by-semester guide to keep you on a clear path to program completion. Your academic advisor will provide you with clear direction needed to stay on course and discuss scheduling options with you. Taking courses not reflected on this map may result in courses not counting toward the completion of your requirements.

### Milestones

As students complete certain courses, they may be eligible to receive a series of course completion certificates from the National Fire Academy's FESHE (Fire & Emergency Services Higher Education) program. Students should consult with departmental faculty for FESHE program requirements.

### About Developmental Courses

Developmental courses do not satisfy graduation requirements, but are required for those who place into them and will appear on a student's transcript. Placement into one of the following courses indicates that a student needs additional preparation before enrolling in college-level courses:

ENGL 091	Preparing for College Reading I
ENGL 092	Preparing for College Reading II
ENGL 095	Reading and Writing Seminar
ENGL 098	Reading and Writing Studio
ENGL 099	Introductory Writing
MATH 001-003	Preparing for College Math I-III
MATH 010	Fundamentals of Mathematics
MATH 011	Introductory Algebra
MATH 012	Intermediate Algebra
MATH 060	Math Literacy
MATH 061	Non-algebra Support
MATH 065	Integrated Preparation for College Algebra

### KEY

Keep an eye out for these symbols, which give important information about certain courses.



These courses have no prerequisites or developmental courses required.



These courses are only offered in certain semesters.



Students must earn a minimum grade in these courses to remain in the program.



Eligible electives for this program are listed on the reverse. Watch for this symbol.

### HELPFUL HINTS



Summer and/or Winter Session classes may be available for your program to help you finish on time. See your advisor or visit the online course search for availability.



Taking 15 credits/semester or 30 credits/year will help you stay on track to finish your degree in two years.

## Program Notes

These courses are only offered in specific semesters:

FIRE 105 Fire Department Organization and Administration - spring only

FIRE 107 Legal Aspects of Emergency Services - spring only  
Prerequisites: FIRE 101, FIRE 103

FIRE 206 Fire Protection Systems and Equipment - spring only  
Prerequisite: FIRE 101

FIRE 208 Fire Hydraulics and Water Distribution Systems - spring only  
Prerequisite: MATH 158 or higher

FIRE 213 Building Construction, Blueprint and Plan Review- fall only  
Prerequisite: FIRE 101

FIRE 215 Terrorism and Domestic Response - fall only

FIRE 301 Fire Company Officership - Tactics and Strategy - fall only

PHYS 120 Science of Fire Behavior and Combustion - spring only  
Prerequisites: CHEM 131 or higher, MATH 001

Firefighter I and II Certification may be substituted for FIRE 101 with department approval

Emergency Medical Technician or Paramedic certification may be substituted for the Fire Science elective with department approval.



**Math Elective:** MATH 158 Intro to Statistics or higher

**Fire Science Elective:** Students choosing a fire science elective may choose any course within that subject not already required by the program.

Some courses may have prerequisites, which are courses that **must** be taken prior to a particular course. For details, log into Degree Works through your MyMassasoit portal.

**A minimum of 60 credits and 20 courses is required for completion. The same course may not be used to satisfy two different course requirements.**

## After Graduation/Completion

The focus of the Fire Science Technology program is twofold. It serves individuals who wish to enter into the fire science profession. It is also designed to provide career fire department personnel with a comprehensive program whereby they may be able to upgrade their educational levels and improve their effectiveness in the use of modern fire science techniques.

## Resources for Academic Success

All college phone numbers are  
508-588-9100 + extension.

### Student Central

Admissions, financial aid, registration & payments

[massasoit.edu/studentcentral](https://massasoit.edu/studentcentral)  
[studentcentral@massasoit.mass.edu](mailto:studentcentral@massasoit.mass.edu)

Brockton | Student Center, Upper Level  
Canton | First Floor, C121

Admissions: x1411 Financial Aid: x1479  
Registrar: x1949 Student Accounts: x1507

### Testing & Assessment

[massasoit.edu/testing](https://massasoit.edu/testing)

Brockton | Student Center, Lower Level | x1991

### Advising, Career & Transfer Center

[massasoit.edu/act-center](https://massasoit.edu/act-center)  
[act@massasoit.edu](mailto:act@massasoit.edu)

Brockton | Student Center, Lower Level | x1461  
Canton | First Floor, C126 | x2516

### Academic Resource Center

Tutoring & academic support services

[massasoit.edu/arc](https://massasoit.edu/arc)

Brockton | Student Center, Lower Level | x1801  
Canton | First Floor, C126 | x2516

### Access & Disability Resources

[massasoit.edu/adr](https://massasoit.edu/adr) | x1807

### Division Dean

Karyn Boutin, MAT | [pubservsocsci@massasoit.mass.edu](mailto:pubservsocsci@massasoit.mass.edu) | x1903

### Brockton

1 Massasoit Boulevard  
Brockton, MA 02302

### Canton

900 Randolph Street  
Canton, MA 02021

### Middleborough

49 Union Street  
Middleborough, MA 02346

**508-588-9100**  
**massasoit.edu**