

FIRE SCIENCE TECHNOLOGY

This program assists the in-service student to develop the appropriate skills and knowledge both to further their ability as a front-line firefighter, but also to develop the skills to assume a leadership role in their community.



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The **Fire Science Technology**

program is designed to provide students with technical, academic, and hands-on experiences to prepare them for the field.

▶ Graduates can be employed as industrial fire protection specialists, safety technicians, fire insurance inspectors, inspection bureau representatives, state fire inspectors, and municipal fire department employees.

▶ Students who are not employed in a related field are highly encouraged to pursue a live-in position or other hands-on application of the curriculum.

EMCC students enjoy small class sizes, supportive faculty, transferable courses and leadership/engagement opportunities all for under \$4,000/year

(most programs, based on 30 credit hours, in-state rate of \$96 per credit hour)



CAMPUS TOURS AVAILABLE

Call 207.974.4780 or schedule an appointment on our website.

www.emcc.edu/firescience

Prerequisites

AAS Degree and Certificate:

High School level Algebra I required.

Still in high school? Concurrent enrollment agreements with many high schools and technical education centers are available. Information can be found online at: www.emcc.edu/academics/programs/early-college/



FIRE SCIENCE TECHNOLOGY

Associate in Applied Science Degree

1ST SEMESTER CREDITS

- FIR-105 Introduction to Emergency Services (3)
- FIR-110 Fire Protection Systems** (3)
- FIR-115 Fire Service Building Construction** (3)
- ENG-101 College Composition** (3)
- Elective MAT-110 Technical Mathematics or a higher level math course** (3)

2ND SEMESTER CREDITS

- FIR-152 Fire Inspection & Prevention** (3)
- FIR-155 Fire Science Hydraulics** (3)
- CHE-103 Chemistry for Emergency Responders** (3)
- Elective MAT-114 Technical Mathematics or a higher level math course (3)
- Elective Any Social Science (3)

LIVE ON CAMPUS



Did you know that EMCC has TWO residence halls on campus?

Built in 2007, Kineo Hall houses students in “blocks” (two double-occupancy rooms with four people of the same gender) or triple-occupancy rooms. Each is individually climate controlled and shares a common bathroom, with double sinks, a shower and a toilet stall.

Acadia Hall houses students in corridor-style double or triple occupancy rooms.

Rooms range from \$1,850 - \$2,250 per semester.

Studies show that students who live on campus not only tend to have higher GPA's, but they are also more likely to complete their education and get more out of their college experience.

Visit www.emcc.edu/housing to learn more!

3RD SEMESTER CREDITS

- FIR-202 Hazardous Incident Management (3)
- FIR-215 Fire Service Leadership (3)
- FIR/EMS Fire Science Elective (3)
- ENG-215 Business & Technical Writing [^] (3)
- PHY-108 Survey of Applied Physics** (4)

4TH SEMESTER CREDITS

- FIR-250 Fire Ground Operations (3)
- FIR-260 Fire Administration (3)
- FIR/EMS Any Fire Science or EMS Elective** (3)
- Elective Any Social Science or Humanities (3)
- Elective Any Communications, Humanities, or Social Science** (100 level or higher) (3)

 **TOTAL AAS DEGREE CREDITS 61**

[^] ELO Capstone

**Denotes courses required to complete the Certificate in Fire Science Technology. Total credits: 31

LIVE-IN STUDENT FIREFIGHTER EXTERNSHIP

The Live-In Firefighter Externship is offered in cooperation with various area fire departments. Through this externship, students are hired to live in area fire houses (rent free) in exchange for being “on call” during specific hours. Admission to the Live-In Student Firefighter Program is not guaranteed (space is limited) and depends upon a successful job interview and satisfactory completion of pre-service training.