

# Fire Science/Emergency Medical Technician

## Associate in Applied Science Degree in Fire Science/Emergency Medical Technician (AAS\_FIRE)

The Fire Science program is for individuals who are interested in or currently serving in the fire service or related fields. Graduates work for municipal fire departments or obtain positions in the fields of industrial fire safety and security, fire protection engineering technology, fire insurance inspection, investigation underwriting and ambulance services.

A balanced combination of professional and general education courses equips students with the knowledge and skills needed in this increasingly technological field. Fire protection systems and codes, tactics and strategies, hydraulics and equipment, officership and administration, and hazardous materials are studied.

**Note:** Not all courses are offered every semester. See department chair or semester schedule of courses. FIRE 1010 - Principles of Fire and Emergency Services, Safety and Survival and FIRE 1060 - Fire Behavior and Combustion are delivered to meet FESHE standards. However, these courses are not required as part of the degree program. Many courses require prerequisites, corequisites and/or testing. [See course descriptions for details.](#)

### RECOMMENDED COURSE SEQUENCE

### GENERAL POLICIES

See important [general policies](#) on the performance-based Health Sciences application process, academic progress, advanced standing, background check, CPR certification, health insurance, health records, reinstatement, transportation, and uniforms and equipment.

Requirements for acceptance into the Fire Science program

1. Complete and submit a CCRI Application for Enrollment to General Studies.
2. Submit an official copy of high school or GED® transcript including the graduation date. If the applicant holds a baccalaureate degree from an accredited college or university, the high school transcript may be waived; a college transcript must indicate completion and degree awarded.
3. Provide proof of completed Tdap vaccine and titers.

### General Education Requirements

COURSE NO.	COURSE TITLE	COURSE NOTES	CREDITS
ENGL 1010	Composition I	Placement test required. Students must achieve a score of 75 or above. This test is permitted one time only.	3
COMM 1100	Public Speaking	Placement test required. Students must achieve a score of 75 or above. This test is permitted one time only.	3
ENGL 2100	Technical Writing	Placement test required. Students must achieve a score of 75 or above. This test is permitted one time only.	3
CHEM 1000	Chemistry of Our Environment		4
SOCS 1010	General Sociology		3
Social Science Electives		See this page for a complete list of courses that fulfill the SSCI attribute.	6
CHEM 1060	Chemistry of Hazardous Materials		3
MATH 1025	Introduction to College Mathematics		3
Total General Education Requirements Credits			28

**Major Education Requirements**

<b>COURSE NO.</b>	<b>COURSE TITLE</b>	<b>COURSE NOTES</b>	<b>CREDITS</b>
COMI Elective	Computer Elective		3
FIRE 1020	Fundamentals of Fire Prevention	FESHE course	3
FIRE 1030	Introduction to Fire Science and Officership	FESHE course	3
FIRE 1040	Fire Fighting Tactics and Strategy		3
FIRE 1050	Building Construction and Fire Codes	FESHE course	3
FIRE 1070	Fire Protection Systems and Equipment	FESHE course	3
FIRE 1090	Fire Hydraulics and Equipment		3
FIRE 1100	Municipal Fire Administration		3
FIRE 1120	Investigations, Fire and Explosions		3
FIRE 1130	Emergency Medical Technician Basic	Must complete health requirements for clinical experience.	8
Total Major Education Requirements Credits			35

Total Program Credits 63