

## 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 at the back of the catalog for details.

### RECOMMENDED COURSE SEQUENCE

**First semester:** ENGL 1010; FIRE 1030, 1130; Social Science Elective

**Second semester:** ENGL 2100; FIRE 1020, 1040; MATH 1420; SOCS 1010

**Third semester:** CHEM 1000; COMM 1100; COMI Elective; FIRE 1050, 1090

**Fourth semester:** CHEM 1060; FIRE 1070, 1100, 1120; Social Science Elective

### GENERAL POLICIES

See important general policies in the beginning of this section 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 of 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	CREDITS
— ENGL 1010*	Composition I	3
— COMM 1100*	Oral Communication I	3
— ENGL 2100*	Technical Writing	3
— CHEM 1000	Chemistry of our Environment	4
— SOCS 1010	General Sociology	3
— Social Science Electives	See page 22 for complete list of courses that fulfill the SSCI attribute.	6
— CHEM 1060	Chemistry of Hazardous Materials	3
— MATH 1420	Introduction to College Mathematics	3
<b>Total General Education Credits</b>		<b>28</b>

### Major Requirements

COURSE NO.	COURSE TITLE	CREDITS
— COMI Elective	Computer Elective	3
— FIRE 1020†	Fundamentals of Fire Prevention	3
— FIRE 1030†	Introduction to Fire Science and Officership	3
— FIRE 1040	Fire Fighting Tactics and Strategy	3
— FIRE 1050†	Building Construction and Fire Codes	3
— FIRE 1070†	Fire Protection Systems and Equipment	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	8
<b>Total Major Requirements Credits</b>		<b>35</b>

### Total Program Credits

**63**

\*Placement test required. Students must achieve a score of 75 or above. This test is permitted one time only.

+Must complete health requirements for clinical experience.

†FESHE course