

■ FIRE SCIENCE/EMERGENCY MEDICAL TECHNICIAN (FIRE)

ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE

Evenings Only

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.

Courses offered in the CCRI Fire Science Program are approved by the state of Rhode Island for the Fire Fighters Incentive Pay Plan.

GENERAL POLICIES

See important general policies in beginning of this section on academic progress, advanced standing, background check, CPR certification, health insurance, health records, reinstatement, transportation, uniforms and equipment.

ADMISSION REQUIREMENTS:

- Completed application to the program.
- High school transcript or a general equivalency diploma including date of graduation.

GENERAL EDUCATION REQUIREMENTS

COURSE NO.	COURSE TITLE	CREDITS
☐ ENGL 1010*	Composition I*	3
☐ SPCH 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 pg. 17 for complete list of courses that meet this requirement	6
☐ CHEM 1060	Chemistry of Hazardous	3
☐ MATH 1420	Introduction to College Mathematics*	3
Total General Education Credits		28

*Placement test is offered through the Office of Enrollment Services. Students must achieve a score of 75 or above. This test is permitted one time only. ENGL 1300 may not be substituted for ENGL 1010.

MAJOR REQUIREMENTS

COURSE NO.	COURSE TITLE	CREDITS
☐ COMI Elective	Computer Elective	3
☐ FIRE 1020 P	Fundamentals of Fire Prevention	3
☐ FIRE 1030	Introduction to Fire Science and Officership	3
☐ FIRE 1040 P	Fire Fighting Tactics and Strategy	3
☐ FIRE 1050 P	Building Construction and Fire Codes	3
☐ FIRE 1070 P	Fire Protection Systems and Equipment	3
☐ FIRE 1090 P	Fire Hydraulics and Equipment	3
☐ FIRE 1100 P	Municipal Fire Administration	3
☐ FIRE 1120	Investigations, Fire and Explosions	3
☐ FIRE 1130*	Emergency Medical Technician - Basic	7
Total Major Requirements Credits		34

Total Program Credits

62

UPDATE 9/9/09

TIPS:

Professional courses (those with prefix FIRE) are available only during evening hours.

Not all courses are offered every semester.

See department chair or semester Course Bulletin for schedule of courses.

P This course has a prerequisite. See Course Descriptions section for class hours, prerequisites and corequisites.