

## **FIRE SCIENCE**

### **Associate in Applied Science**

This program offers a wide variety of opportunities for volunteers and paid members of fire service seeking to upgrade their skills and for students wishing to pursue a career in fire science. Graduates may find opportunities in the insurance field (fire scene investigator, safety inspector, arson investigator), in industry (fire fighter, fire safety inspector), in municipal departments (fire fighter with officer qualifications, code prevention inspector, code enforcement officer) or in the federal service (fire fighter/fire officer, fire education/training specialist).

### **FIRST SEMESTER**

- 3 s.h. English I (ENGL 151)
- 3-5 s.h. College Algebra (MATH 165) or Precalculus I (MATH 191)
- 3 s.h. Principles of Fire Protection (FIRE 151)
- 3 s.h. Fire Department Organization and Management (FIRE 153)
- 4 s.h. Introductory Chemistry (CHEM 180) or Forensic Science (SCIE 105)\*

16-18 s.h.

\*Only with approval of the Fire Science Coordinator

### **SECOND SEMESTER**

- 3 s.h. English II (ENGL 152) or  
Communicating Contemporary Issues (ENGL 155)
- 3 s.h. General Psychology (PSYC 172)
- 3 s.h. Fire Service Construction Principles (FIRE 152)
- 3 s.h. Fire Fighting Tactics and Strategy (FIRE 154)
- 3 s.h. Hazardous Materials Incident Analysis (FIRE 155)

15 s.h.

### **THIRD SEMESTER**

- 3 s.h. Fundamentals of Public Speaking (COMM 154)
- 3 s.h. Fire Service Hydraulics (FIRE 251)
- 3 s.h. Fire Prevention and Inspection I (FIRE 255)
- 2-3 s.h. Applied Modern Health I (HEHP 110) or  
Contemporary Health (HEHP 225)
- 3 s.h. Computer Science Elective
- 3 s.h. Humanities/English Requirement

17-18 s.h.

### **FOURTH SEMESTER**

- 3 s.h. State and Local Government (POLI 262)
- 3 s.h. Fire Prevention and Inspection II (FIRE 256)
- 3 s.h. Elements of Arson Investigation (FIRE 254)
- 3 s.h. Social Science Requirement
- 1-4 s.h. Elective (to meet required 64 s.h.)

13-16 s.h.

**TOTAL CREDITS 64**