

CAREER PROGRAM

Fire Science Technology

Associate in Applied Science Degree

The 62 credit-hour program is applicable to current firefighters and fire officers and those wishing to enter the fire service. Some fire departments require a two-year degree in fire science before the student is eligible for entry level positions, while other departments offer promotional and salary incentives to associate degree program graduates.

Many of the courses offered are articulated with the Office of the Illinois State Fire Marshal and count toward requirements for Instructor I, Instructor II, Fire Officer I, Fire Officer II, Fire Apparatus Engineer, Hazardous Materials First Responder and Technician. Other areas of employment for fire science graduates include fire equipment sales and service, municipal fire protection, fire prevention and inspection in industry and private insurance companies and emergency medical services.

Students wishing to pursue a career in fire science should discuss these opportunities with the program coordinator or a Student Development faculty member before entering this program.

Required General Education Courses:

ENG 101	Composition	3
Humanities	elective.....	3
MTH 080	Foundations of Mathematics II	4
Natural Science	elective.....	4
PSY 101	Introduction to Psychology	3
SPE 101	Fundamentals of Speech Communication	3

Required Core Courses:

CIS 101	Introduction to Computer Information Systems.....	3
FIS 100	Fundamentals of Fire Protection.....	3
FIS 102	Fire Service Management I.....	3
FIS 103	Fire Strategies and Tactics I	3
FIS 104	Building Construction for Fire Protection.....	3
FIS 121	Fire Behavior and Combustion.....	3
FIS 122	Introduction to Fire Prevention Principles	3
FIS 132	Hazardous Materials I.....	3
FIS 145	Fire and Emergency Services Instructor I	3

Elective: Select at least 15 hours from the following

EMS	110	Emergency Medical Technican Training	7
FIS	109	Firefighter II Certification.....	12
FIS	123	Advanced Fire Prevention Principles.....	3
FIS	133	Hazardous Materials II.....	3
FIS	200	Fire Service Internship.....	3
FIS	202	Fire Service Management II.....	3
FIS	203	Fire Strategies and Tactics II	3
FIS	212	Fire Protection Systems.....	3
FIS	220	Fire and Emergency Services Instructor II	3
FIS	240	Fire Apparatus Engineer.....	3