

FIRE PROTECTION TECHNOLOGY

Associate in Applied Science Degree Certificate of Proficiency

Firefighters are often seen as heroic figures, putting out fires and saving the public from catastrophic situations and natural disasters. They often are the first responders in a variety of emergencies, dispensing medical care, handling hazardous materials and rescuing trapped survivors from burning or collapsed buildings. Firefighters also work in preventive care, as fire inspectors and investigators.



ABOUT THE PROGRAM

Forest Park offers two programs to upgrade the skills of firefighters already employed in the field.

The Associate in Applied Science degree is a two-year, 64-credit-hour program. The Certificate of Proficiency offers 33 credits and can be completed in less than a year.

Students receive a thorough knowledge of effective firefighting techniques and the ability to use equipment appropriate to extinguish all types of fires.

They become familiar with:

- inspection techniques.
- municipal safety codes and ordinances.
- insurance regulations.
- alarm systems.
- hydraulics and structures.

FLEXIBLE SCHEDULING

All courses are taught identically on two successive evenings to accommodate rotating schedules of working

firefighters. Required liberal arts courses may be taken day or evening, but are offered on a rotating basis in the evenings only as listed in the long-range schedule available from the department.

JOB CHARACTERISTICS

The successful firefighter will possess these characteristics:

- mechanical aptitude.
- good coordination, vision, stamina, agility & strength.
- self-discipline & courage.
- willingness to serve the public.
- capable of exerting maximum effort under discouraging circumstances.
- persistence and tenacity.
- ability to work as a team member.
- expertise in problem solving and the ability to make quick decisions in emergencies.

JOB OUTLOOK

Firefighting jobs are expected to grow by 12 percent by 2016,

according to the Department of Labor's Occupational Outlook Handbook. Urbanization will increase the demand for more firefighters, as well as the conversion of volunteer positions to paid firefighting jobs.

Competition will remain stiff. However, applicants with the best chances will be physically fit, and score the highest on physical conditioning and mechanical aptitude tests.

EARNINGS

Starting salaries for firefighters range from \$30,000 to \$50,000. However, firefighters often earn overtime for working extra shifts during emergencies, or to maintain minimum staffing levels.

MORE INFORMATION

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FIRE PROTECTION TECHNOLOGY

Associate in Applied Science Degree

Certificate of Proficiency

ABOUT THE COLLEGE

Forest Park is Missouri's leading provider of health technology training, offering 13 medical programs ranging from Funeral Services and Diagnostic Medical Sonography, to Dental Hygiene, Nursing and Respiratory Therapy.

We are the premier trainer for the hospitality industry in St. Louis, offering programs in Hotel/Restaurant Management, Culinary Arts and Tourism. The campus houses a \$5 million Hospitality Studies Center, as well as a Center of Excellence in Advanced Networking Technology.

Global Education is a major focus for this cosmopolitan campus, which welcomes more than 700 international students from 70 countries, speaking more than 50 languages. The campus also supports the Harrison Education Center in north St. Louis, offering credit and non-credit courses and contractual training.

Forest Park is accredited by the Higher Learning Commission of the North Central Association of Colleges and Secondary Schools.

Accommodations Statement

St. Louis Community College makes every effort to accommodate individuals with disabilities. If you have accommodation needs, call the FP Access Office at 314-644-9039. Individuals with speech or hearing impairments may call via Relay Missouri by dialing 711.

Non-Discrimination Statement

St. Louis Community College is committed to non-discrimination in its admissions, educational programs, activities and employment regardless of race, color, creed, religion, sex, sexual orientation, national origin, ancestry, age, disability or status as a disabled or Vietnam-era veteran and shall take action necessary to ensure non-discrimination. For information, contact: Herb Gross, Vice President, Student Affairs, SLCC-Forest Park, 5600 Oakland Ave., St. Louis, MO 63110-1316, 314-644-9212; hgross@stlcc.edu.

ASSOCIATE IN APPLIED SCIENCE DEGREE

CAREER GENERAL EDUCATION

CREDITS

___ ENG:101	College Composition I	3
___ ENG:103	Report Writing	3
___ COM:101	Oral Communication I	3
___ MTH:124	Technical Mathematics I	3
___ PSI:101	Physical Science Lecture	3
___ XXX:XXX	Missouri State Requirement (see current college catalog for courses that meet this requirement)	3
___ SOC:101	Introduction to Sociology	3

AREA OF CONCENTRATION

___ CHM:114	Industrial Chemistry	3
___ FIR:100	Fires Department Apparatus	2
___ FIR:102	Fire Characteristics	3
___ FIR:103	Fire Service Management & Administration	3
___ FIR:105	Inspection & Fire Prevention	3
___ FIR:106	Teaching Techniques for Fire Dept. Personnel	3
___ FIR:110	Basic Fire Protection & Alarm Systems	3
___ FIR:202	Fire Investigation	3
___ FIR:204	Fire Fighting Tactics & Strategy	3
___ FIR:205	Fire Science Hydraulics	3
___ FIR:207	Codes & Ordinances	3
___ FIR:208	Hazardous Materials	3
___ FIR:210	Architectural Structural Representation-Materials	3
___ IS:103	Information Systems for Business or	
___ IS:151	Microcomputer Applications in Business	3-4

PROGRAM TOTAL 64

CERTIFICATE OF PROFICIENCY

___ FIR:xxx	Approved Fire Protection Courses	18
___ MTH:124	Technical Mathematics I	3
___ PSI:101	Physical Science Lecture or	3
___ CHM:114	Industrial Chemistry	3
___ XXX:xxx	Approved Electives from AAS (3)	9

Program Total 33