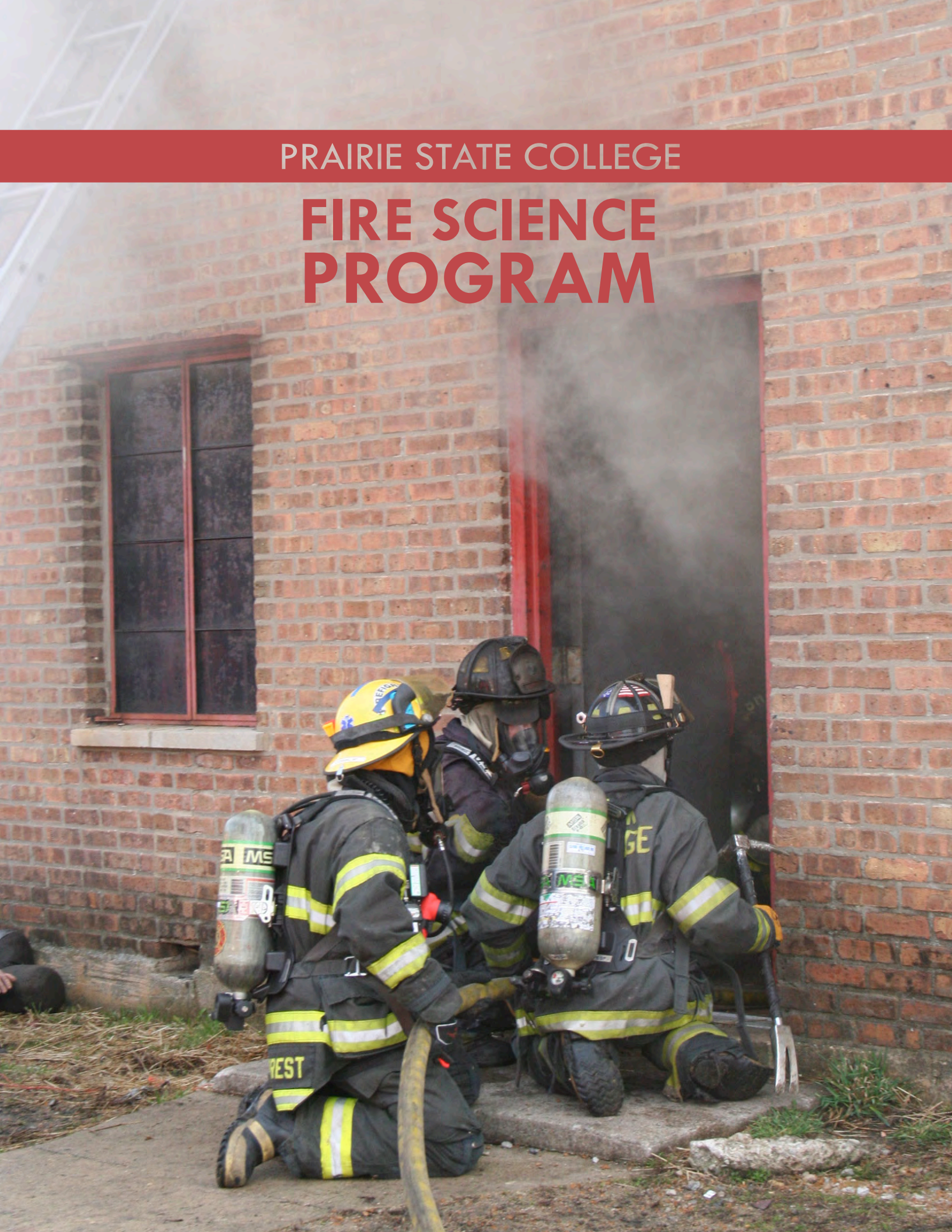


PRAIRIE STATE COLLEGE

FIRE SCIENCE PROGRAM





FIRE SCIENCE AT PRAIRIE STATE COLLEGE

If fire science is a career that interests you, Prairie State College (PSC) can help you achieve that goal. The Fire Science program at PSC prepares you to pursue a career in fire science through a combination of classroom learning and simulated fire situations where you actually practice the skills you've learned. If you possess personal courage, high energy, dedication, and initiative, a fire science career may be for you.

DEGREES AND CERTIFICATES

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

Fire Science Technology

CERTIFICATE OF ACHIEVEMENT

Fire Science Technology

Firefighter II

Firefighter/EMT

Fire Science Technology

A.A.S. Degree

This curriculum prepares the student for employment as a volunteer, paid-on-call part-time, or full-time municipal firefighter.

I. General Education Core Requirements **19 credits**

Area A: Communication **6**

ENG 101	Composition I - with a grade of C or better	3
COMM 101	Principles of Communication	3

Area B: Humanities and Fine Arts **3**

Select one course from Area B

Area C: Mathematics **3**

MATH 112	General Education Mathematics	3
or		
MATH 115	General Education Statistics	3

Area D: Physical and Life Sciences **4**

Select one course from:

BIOL 100	General Education Biology	4
BIOL 112	Organismal Biology	4
CHEM 105	Survey of General Chemistry	4
PHYS 111	Physical Science	4
PHYS 112	Earth Science	4
PHYS 101	Conceptual Physics	4

Area E: Social and Behavioral Sciences **3**

PSYCH 101	Introduction to Psychology <i>required</i>	3
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I. Program Requirements **37 credits**

BUS 127	Business Communications	3
FST 101	Introduction to Fire Science Technology	3
FST 102	Fire Prevention Principles I	3
FST 104	Fire Tactics and Strategy I	3
FST 105	Construction and Fire Systems	3
FST 106	Hazardous Materials Operations	3
FST 119	Firefighter II	7
FST 202	Vehicle and Machinery Operations	3
FST 204	Fire Tactics and Strategy II	3
FST 210	Fire Apparatus Engineer	3
FST 212	Fire Service - Instructor I	3

III. Electives **6 credits**

Select 2 courses from:

EMS 101	Emergency Medical Technician	3
FST 121	Introduction to Homeland Security	3
FST 201	Arson Investigation	3
FST 205	Hazardous Materials Technician A	3
FST 207	Fire Department Management I	3
FST 208	Fire Department Management II	3
FST 209	Fire Prevention Principles II	3
FST 213	Fire Service - Instructor II	3
FST 218	Fire Department Management III	3
FST 219	Fire Department Management IV	3
FRESP 101	First Responder	3
PHOTO 171	Intro. to Black and White Photography	3

Program Total

62 credits

Fire Science Technology

Certificate

This curriculum prepares the student for employment while updating skills and industry knowledge.

Program Requirements

24 credits

FST 101	Introduction to Fire Technology	3
FST 102	Fire Prevention Principles I	3
FST 104	Fire Tactics & Strategy I	3
FST 105	Construction & Fire Systems	3
FST 106	Hazardous Materials Operations	3
FST 207	Fire Department Management I	3
FST 208	Fire Department Management II	3
FST 210	Fire Apparatus Engineer	3

Program Total

24 credits

Firefighter II

Certificate

This program is designed for students seeking employment in fire service by preparing them for the State Firefighter II certification exam. Students receive training in areas that include fire behavior, safety, fire control, communication, hazardous materials, and fire prevention. Students demonstrate basic firefighter skills such as the use of ladders, hose, ropes, and breathing apparatus in a supervised setting.

Students must complete FST 101 Introduction to Fire Science Technology with a grade of C or better, or document current affiliation with a fire department prior to admission to this program.

Program Requirements

7 credits

FST 119	Firefighter II	7
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Program Total

7 credits

Firefighter/EMT

Certificate

The Firefighter/EMT certificate will provide the beginning student in the emergency response occupations with fundamental skills in basic fire fighting techniques and emergency medical care. Both areas have independent certification exams that must be successfully completed to obtain employment in the field.

Program Requirements

14 credits

EMS 101	Emergency Medical Technician	7
FST 119	Firefighter II	7

Program Total

14 credits

COURSE SCHEDULES

Fire Science Technology courses are offered at times to accommodate busy schedules. Courses are offered evenings and weekends to ensure they meet the needs of students. Courses are offered each semester so the program can be completed in a timely manner. Certificate evaluation for credit is also available. To find out the current schedule of courses go to prairiestate.edu.

ADMISSIONS

Prairie State College offers "open admission" that encourages diversity and admits all high school graduates or the equivalent.

Here's how to start your college career at PSC:

- Provide a high school diploma or GED.
- Take the COMPASS Placement Test or submit a copy of ACT scores.
- Meet with an advisor from Counseling and Advising to select courses. For questions, contact an academic advisor at (708) 709-3506.



CAREER OPPORTUNITIES

Emergency response is one part of a firefighter's job. They also specialize in fire prevention and inspection, arson investigation, and public education. Firefighters also spend time training themselves and others. Although firefighters can find work in a variety of business and industrial settings, most work in municipal fire departments. According to the U.S. Bureau of Labor Statistics, the average annual salary ranges from \$30,000 to \$50,000.

Fire Officer I

Certificate of Completion

Program Requirements	15 credits
*FST-102	Fire Prevention Principles I 3
*FST-104	Fire Tactics and Strategy I 3
*FST-212	Fire Service - Instructor I 3
*FST-207	Management I 3
*FST-208	Fire Department Management II 3

Program Total 15 credits

Fire Service Instructor

Certificate of Completion

Program Requirements	9 credits
*FST-212	Fire Service Instructor I 3
*FST-213	Fire Service Instructor II 3
COMM 101	Principles of Communication 3
ED 160	Technology for Teachers (<i>recommended</i>) 3

Program Total 9 credits

12 credits recommended

Fire Officer II

Certificate of Completion

Program Requirements	18 credits
*FST-213	Fire Service - Instructor II 3
*FST-204	Fire Tactics and Strategy II 3
*FST-218	Fire Department Management III 3
*FST-219	Fire Department Management IV 3
BUS 105	Human Relations 3
BUS 109	Principles of Supervision 3

Program Total 18 credits

*Classes are approved by the Illinois Office of the State Fire Marshal for state certification

Find out more today by contacting

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Dean, Health and Industrial Technology

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 **Prairie State College**

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