FIRE SCIENCE TECHNOLOGY
Associate in Applied Science Degree

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

GENERAL EDUCATION CORE (19 credits)

Area A: Communication (6 credits)
- ENG 101 3 cr Composition I - grade of C or better (Prereq. English Placement Test or ENG 099 with C or better)
- COMM 101 3 cr Principles of Communication (Prereq. Placement in ENG 099 or above)

Area B: Humanities and Fine Arts (3 credits)
- __________ 3 cr Select one course from: ART 121, 122, 126, 129, 131; ENG 211, 212, 215, 231, 232, 240, 243, 252, 261, 256, 262, 271; HIST 240; HUMAN 101, 102, 201, 202, 203; MUSIC 130, 132; PHILO 101, 202, 203, 204, 205; SPAN 202; THTRE 101.

Area C: Mathematics (3 credits)
- __________ 3 cr Select ONE course from:
  - MATH 112 - General Education Mathematics*
  - MATH 115 - General Education Statistics*
  *Prereq. MATH 095 & 096 with C's or better OR MATH 095 & one year of high school geometry with C’s or better OR qualifying score on math placement test.

Area D: Physical and Life Sciences (4 credits)
- __________ 4 cr Select ONE course from: BIOL 100, 112; CHEM 105; PHYSC 111, 112; PHYSI 101
  [CHEM 105 is recommended for students who plan to complete the B.S. in Fire Science Management at Southern Illinois University - Carbondale]

Area E: Social and Behavioral Science (3 credits)
- PSYCH 101 3 cr Introduction to Psychology (Prereq. Placement in ENG 099 or above)

PROGRAM REQUIREMENTS (43 credits)

- BUS 127 3 cr Business Communications (Prereq. ENG 101 with C or better)
- FST 101 3 cr Introduction to Fire Science Technology (Prereq. Placement into ENG 099 or above)
- FST 102 3 cr Fire Prevention Principles I (Prereq. FST 101 or 119 with C or better and documented affiliation with a fire department)
- FST 104 3 cr Fire Tactics & Strategy I (Prereq. FST 119 with C or better and documented affiliation with a fire department)
- FST 105 3 cr Construction & Fire Systems (Prereq. Placement into ENG 099 or above and documented affiliation with a fire department)
- FST 106 3 cr Hazardous Materials Operations (Prereq. FST 119 with C or better and documented affiliation with a fire department)
- FST 119 7 cr Basic Firefighter Operations (Prereq. documented affiliation with a fire department, and COMPASS Reading Score of 78 or above OR Placement in ENG 101; and must be 18 years of age or older, must enroll in person)
- FST 202 3 cr Vehicle and Machinery Operations (Prereq. FST 119 with C or better and documented affiliation with a fire department)
- FST 204 3 cr Fire Tactics & Strategy II (Prereq. FST 104 with C or better and documented affiliation with a fire department)
- FST 210 3 cr Fire Apparatus Engineer (Prereq. FST 119 with C or better and documented affiliation with a fire department)
- FST 212 3 cr Fire Service - Instructor I (Prereq. FST 119 with C or better and documented affiliation with a fire department)
- ELECTIVES 6 cr Electives - Select 6 credits from the courses listed below:
  - FST 120 (6) Firefighter III (Prereq. Current Illinois Firefighter II certification; Coordinator Consent and documented affiliation with a fire department)
  - FST 121 (3) Introduction to Homeland Security [Cross-listed as CJ 120] (Prereq. Placement into ENG 099 or above)
  - FST 201 (3) Arson Investigation (Prereq. FST 101 with C or better and documented affiliation with a fire department)
  - FST 205 (3) Hazardous Materials Technician A (Prereq. FST 106 with C or better and documented affiliation with a fire department)
  - FST 207 (3) Fire Department Management I (Prereq. FST 119 with C or better and documented affiliation with a fire department)
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AAS Degree Advising Guide  
Fire Science Technology

___FST 208 (3) Fire Department Management II (Prereq. FST 207 with C or better and documented affiliation with a fire department)

___FST 209 (3) Fire Prevention Principles II (Prereq. FST 102 with C or better and documented affiliation with a fire department)

___FST 213 (3) Fire Service - Instructor II (Prereq. FST 212 with C or better and documented affiliation with a fire department)

___FST 218 (3) Fire Department Management III (Prereq. FST 208 with C or better and documented affiliation with a fire department)

___FST 219 (3) Fire Department Management IV (Prereq. FST 218 with C or better and documented affiliation with a fire department)

___EMS 101 (7) Emergency Medical Technician (Prereq. COMPASS Reading Score of 78 or above OR placement in ENG 101)

___FRESP 101 (3) First Responder

___PHOTO 171 (3) Introduction to Photography

PROGRAM TOTAL (62 credits)

Successfully completed at least 15 semester hours of credit at PSC (excluding proficiency credits).

Attained a minimum GPA of 2.0 in all PSC courses. **Current cumulative GPA:**

Filed appropriate evidence of high school graduation or GED certificate with the Office of Enrollment Services.

Filed a **Graduation Petition Form** with the Office of Enrollment Services.

**Deadline for filing:** October 1 for Winter, March 1 for Spring, July 1 for Summer. (December, May and August candidates may choose to participate in the annual May Commencement Ceremony. Deadline to apply for ceremony is March 1).

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<th>Required</th>
<th>Completed</th>
<th>In Progress</th>
<th>Needed</th>
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<tr>
<td>General Education Core:</td>
<td>19 credits</td>
<td>______</td>
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<td>Program Requirements:</td>
<td>43 credits</td>
<td>______</td>
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<td>TOTAL CREDITS:</td>
<td>62 credits</td>
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Advised By: ___________________________________________________________ Date: ______________________

SIGNATURE: Counselor or Advisor or Faculty Advisor

This is an UNOFFICIAL evaluation. Official Evaluations must be requested in the Office of Enrollment Services.

IMPORTANT PSC GRADUATION POLICIES
1. If the degree or certificate requirements are changed during your continuous attendance, you may elect to satisfy either the new requirements or the ones in force when you enrolled.
2. If you withdraw from Prairie State College for either a fall or spring semester, you must satisfy requirements in force at the time you re-enroll.
3. **Requests for COURSE SUBSTITUTIONS** in the program must be directed to the Program Coordinator. A Course Substitution Form must be signed by the Program Coordinator and submitted to the Office of Enrollment Services at least one semester prior to graduation.
4. Petitions for alteration of other graduation requirements must be submitted on a Student Appeal Form at least one semester prior to graduation.

DIVISION OF HEALTH PROFESSIONS

Program Coordinator: Chad Vlietstra (708) 768-6769 cvlietstra@prairiestate.edu
Department Chair: Kathleen Malic Room 2229 (708) 709-3530 kmalic@prairiestate.edu
Division Dean: Patty Zuccarello Room 2241 (708) 709-2947 pzuccarello@prairiestate.edu

CAREER PLANNING/PLACEMENT INFORMATION:


**Office of the State Fire Marshal:** [http://www.state.il.us/osfm/default.htm](http://www.state.il.us/osfm/default.htm)

**Employment opportunities:** [www.collegecentral.com/prairiestate.edu](http://www.collegecentral.com/prairiestate.edu)

**BACCALAUREATE DEGREE OPTIONS:**

Chicago Area Off Campus Programs - Southern Illinois University  
[www.siu.edu](http://www.siu.edu) (618) 536-6609 or 453-8897 or [janmc@siu.edu](mailto:janmc@siu.edu)

Lewis University:  
[www.lewisu.edu](http://www.lewisu.edu) (815) 836-5686  
[jlpss@lewis.edu](mailto:jlpss@lewis.edu)
**PROFICIENCY CREDIT FOR FIRE SCIENCE COURSES**

Individuals who meet the following guidelines may apply for proficiency credit in one or more fire science courses at Prairie State College.

- Complete an **Application for Proficiency Form** (available in the Counseling & Advising Center) for each course for which proficiency credit is requested.
- Attach the appropriate documentation to Application for Proficiency Form.
- There is a $25 proficiency fee for each course for which proficiency credit is requested.
- For further information about proficiency credit, contact the Program Coordinator:

### Key for Fire Science Proficiency Credit Policy:

- **OSFM** = Illinois Office of the State Fire Marshall
- **FSI** = University of Illinois Fire Service Institute
- **IFCA** = Illinois Fire Chief’s Association
- **FO I** = Fire Officer I
- **FO II** = Fire Officer II

### PSC COURSE PREFIX/TITLE | PROFICIENCY EQUIVALENT
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FST 101 Introduction to Fire Science Technology | OSFM Firefighter II, Firefighter III, Basic Firefighter Operations or Advanced Firefighter Operations Certificate
FST 102 Fire Prevention Principles I | FSI or IFCA Fire Prevention I or OSFM FO I Certification
FST 104 Fire Tactics and Strategy I | FSI or IFCA Tactics I or OSFM FO I Certification
FST 105 Construction and Fire Systems | No set equivalencies - Proposals can be submitted to the Fire Science Coordinator for approval
FST 106 Hazardous Materials Operations | OSFM Hazmat Operations Certification
FST 119 Firefighter II | OSFM Firefighter II or Basic Firefighter Operations Certificate
FST 120 Firefighter III | OSFM Firefighter III or Advanced Firefighter Operations Certificate
FST 201 Arson Investigation | Any FSI or IFCA Arson course or any OSFM Fire Investigator Certification MOD I and II
FST 202 Vehicle & Machinery Operations | OSFM Roadway Extrication Specialist Certification with VMO
FST 204 Fire Tactics and Strategy II | FSI or IFCA Tactics II or OSFM FO II Certification
FST 205 Hazardous Materials Technician A | OSFM Hazmat Technician A or B Certification
FST 207 Fire Department Management I | FSI or IFCA Management I or OSFM FO I Certification
FST 208 Fire Department Management II | FSI or IFCA Management II or OSFM FO I Certification
FST 209 Fire Prevention Principles II | OSFM Fire Prevention Officer Certification
FST 210 Fire Apparatus Engineer | OSFM Fire Apparatus Engineer Certification
FST 212 Fire Service - Instructor I | OSFM Instructor I or FO I Certification
FST 213 Fire Service - Instructor II | OSFM Instructor II or FO II Certification
FST 218 Fire Department Management III | FSI or IFCA Management III or OSFM FO II Certification
FST 219 Fire Department Management IV | FSI or IFCA Management IV or OSFM FO II Certification

*There are various other agencies that offer some of these classes which meet the same criteria as PSC courses. Proposals listing “other agencies” should be submitted to the Fire Science Coordinator for consideration and approval.*