***Fire Technology:*** *Associate in Science – Non-Transfer*

The Fire Technology program offers students an opportunity to study fire behavior, fire protection and control techniques, core concepts of culture, safety, and requirements for the fire service. The program also gives the student a chance to interact with professionals in the field and develop their skills to become an entry-level firefighter or help to promote a career firefighter.

***Please see a Pathways Counselor:*** A local degree requires a minimum of 60 degree-applicable units with a minimum 2.0 GPA overall. [Contact a Counselor](https://www.msjc.edu/hub/) to create an education plan customized to meet your needs.

Transfer Majors/Award Focus

* Fire Technology, A.S.
* Fire Technology, Certificate

GE Pattern/Units

* GE Pattern: Option A
* Total Units: 62

**Program maps** indicate the major coursework and recommended general education courses to fulfill your degree in 2 years (approximately 15 units/semester or 30 units/year). If you are a part-time student, start Semester 1 courses and follow the course sequence. Some of the courses listed may be substituted by another course. Please view these options in the official course [catalog](https://catalog.msjc.edu/instructional-programs/).

***Semester 1 16 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| a | COURSE | TITLE | UNIT |
| c | FIRE-101 | Introduction to Fire Technology | 3 |
| c | AJ-102 | Introduction to Criminal Justice | 3 |
| c | COMM-103 | Interpersonal Communication | 3 |
| c | NUTR-101 | Introduction to Nutrition Science  | 3 |
| c | ENGL-101 | College Composition  | 4 |

***Semester 2 15 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| a | COURSE | TITLE | UNIT |
| c | FIRE-102 | Fundamentals of Fire Prevention | 3 |
| c | EMS-501 | Emergency Medical Technician  | 6 |
| c | MATH-140 | Introduction to Statistics 1 | 3 |
| c | FIRE-122 | Principles of Fire and Emergency Services Safety and Survival | 3 |

Career Options

Municipal entry-Level Firefighters (SM, C)

Forest Fire Fighting and Prevention Supervisors (C, A)

Fire Investigators (SM, C)

Emergency Medical Technicians & Paramedic (C, SM)

Forest Fire Inspectors & Prevention (B)

Find more careers: [msjc.emsicc.com](http://msjc.emsicc.com)

Required Education: SM: some college; C: Certificate; A: Associate, B: Bachelor’s

***Notes:***

1 AREA G (Math Competency) can be demonstrated by a high school math course at or above the level of Algebra 2 with a grade of C or better.

Financial Aid

Financial aid is determined by the number of credit hours you take in a semester. Maximize your financial aid by taking 12-15 units per semester.

***Semester 3*** ***16 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| a | COURSE | TITLE | UNIT |
| c | FIRE-106 | Fundamentals of Fire Behavior and Combustion | 3 |
| c | FIRE-109 | Fundamentals of Fire Protection and Equipment | 3 |
| c | FIRE-115 | Building Construction for Fire Protection | 3 |
| c | ENVS-101 | Environmental Science | 3 |
| c | SPAN-101 | Elementary Spanish I | 4 |

***Semester 4 15 Units***

|  |  |  |  |
| --- | --- | --- | --- |
| a | COURSE | TITLE | UNIT |
| c | COMM-104 orPHIL-112 | Argumentation and Debate or Critical Thinking and Composition | 3 |
| c | FIRE-121 | Fundamentals of Wild Land Fire Fighting | 3 |
| c | GEOG-108  | World Regional Geography  | 3 |
| c | PS-101 | Introduction to American Government and Politics | 3 |
| c | GEOG-115 | Introduction to Geographic Information Science | 3 |

Work Experience

Sign up for a special project or internship opportunity. Gain [work experience](https://msjc.edu/careereducation/cwee/index.html) and earn credits.

Scheduling Notes

Look ahead at future semester to ensure that the class that you are wanting to take is going to offered during the upcoming semester.

Helpful Hints

Stay in communication with a counselor to ensure that you are on the most efficient path.