

## *Fire Technology Certificate*

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:** Create an education plan customized to meet your needs. [Contact a Counselor](#)

### **Transfer Majors/Award Focus**

- Fire Technology, A.S.
- Fire Technology, Certificate

### **GE Pattern/Units**

- GE Pattern: n/a
- Total Units:24



**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](#).

### **Semester 1**

**12 Units**

✓	COURSE	TITLE	UNIT
<input type="checkbox"/>	FIRE-101	Introduction to Fire Technology	3
<input type="checkbox"/>	FIRE-102	Fundamentals of Fire Prevention	3
<input type="checkbox"/>	FIRE-106	Fundamentals of Fire Behavior and Combustion	3
<input type="checkbox"/>	FIRE-115	Building Construction for Fire Protection	3

### **Semester 2**

**12 Units**

✓	COURSE	TITLE	UNIT
<input type="checkbox"/>	FIRE-109	Fundamentals of Fire Protection and Equipment	3
<input type="checkbox"/>	EMS-501	Emergency Medical Technician (formerly EMS-090)	6
<input type="checkbox"/>	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, M: Master's; D: Doctorate



### **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.

### **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