

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](#) 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](#).


Semester 1

16 Units

	COURSE	TITLE	UNIT
<input type="checkbox"/>	FIRE-101	Introduction to Fire Technology	3
<input type="checkbox"/>	AJ-102	Introduction to Criminal Justice	3
<input type="checkbox"/>	COMM-103	Interpersonal Communication	3
<input type="checkbox"/>	NUTR-101	Introduction to Nutrition Science	3
<input type="checkbox"/>	ENGL-101	College Composition	4

Semester 2

15 Units

	COURSE	TITLE	UNIT
<input type="checkbox"/>	FIRE-102	Fundamentals of Fire Prevention	3
<input type="checkbox"/>	EMS-501	Emergency Medical Technician	6
<input type="checkbox"/>	MATH-140	Introduction to Statistics ¹	3
<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
 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

 COURSE	TITLE	UNIT
<input type="checkbox"/> FIRE-106	Fundamentals of Fire Behavior and Combustion	3
<input type="checkbox"/> FIRE-109	Fundamentals of Fire Protection and Equipment	3
<input type="checkbox"/> FIRE-115	Building Construction for Fire Protection	3
<input type="checkbox"/> ENVS-101	Environmental Science	3
<input type="checkbox"/> SPAN-101	Elementary Spanish I	4

Semester 4

15 Units

 COURSE	TITLE	UNIT
<input type="checkbox"/> COMM-104 or PHIL-112	Argumentation and Debate or Critical Thinking and Composition	3
<input type="checkbox"/> FIRE-121	Fundamentals of Wild Land Fire Fighting	3
<input type="checkbox"/> GEOG-108	World Regional Geography	3
<input type="checkbox"/> PS-101	Introduction to American Government and Politics	3
<input type="checkbox"/> GEOG-115	Introduction to Geographic Information Science	3

Work Experience

Sign up for a special project or internship opportunity. Gain [work experience](#) 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.