

# FIRE TECHNOLOGY, A.S.

Students completing this degree will have completed the material required to apply for entrance into a Fire Academy. Some Academies may have additional requirements such as passing a physical abilities test. For specific requirements and further information, contact the Fire Academy you wish to attend.

AS.FIRE

## Program Map Design Your Future!

Begin by exploring MSJC program maps to find career or transfer (<https://msjc.emsicc.com/?radius=&region=All%20Regions>) opportunities. Program maps show the recommended course sequence that leads to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

MSJC General Education Option A

Fall Semester 1		Units
FIRE-101	Introduction to Fire Technology	3
AJ-102	Introduction to Criminal Justice	3
COMM-103	Interpersonal Communication	3
NUTR-101	Introduction to Nutrition Science	3
ENGL-101	College Composition	3
<b>Units</b>		<b>15</b>
Spring Semester 1		
FIRE-102	Fundamentals of Fire Prevention	3
EMS-501	Emergency Medical Technician (formerly EMS-090)	6
MATH-140	Introduction to Statistics <sup>1</sup>	3
FIRE-522	Principles of Fire and Emergency Services Safety and Survival (formerly FIRE-122)	3
<b>Units</b>		<b>15</b>
Fall Semester 2		
FIRE-106	Fundamentals of Fire Behavior and Combustion	3
FIRE-109	Fundamentals of Fire Protection and Equipment	3
FIRE-115	Building Construction for Fire Protection	3
PS-101	Introduction to American Government and Politics	3
SPAN-101	Elementary Spanish I	4
<b>Units</b>		<b>16</b>
Spring Semester 2		
COMM-104 or PHIL-112	Argumentation and Debate (formerly Advocacy and Argument) or Critical Thinking and Composition	3
FIRE-121	Fundamentals of Wild Land Fire Fighting	3
ENVS-101	Environmental Science	3

GEOG-115	Introduction to Geographic Information Science	2
Select one of the following:		3
PS/ETHS-103	Ethnic Politics in America	
ETHS-112	Introduction to Chicana/o/x Studies	
ETHS/SJS-113	Introduction to Black Studies	
HIST/ETHS-160	Black History in the American Context	
LIT/ETHS-240	American Indian Literature (formerly ENGL-240)	
LIT/ETHS-275	Latinx/Chicanx Literature	
LIT/ETHS-280	Multiethnic Literature (formerly ENGL-280)	
ANTH/HIST-121	Indigenous Peoples of California	
<b>Units</b>		<b>14</b>
<b>Total Units</b>		<b>60</b>

<sup>1</sup> **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.**

Note: 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.

## Requirements

An Associate Degree in this program requires students to complete MSJC's local General Education, Option A, by fulfilling all general education areas. In addition, students must complete all major requirements and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
<b>MSJC General Education Option A (<a href="https://catalog.msjc.edu/degrees-certificates-curricula/general-education-option-a/">https://catalog.msjc.edu/degrees-certificates-curricula/general-education-option-a/</a>)</b>		<b>24</b>
<b>Required Core Courses</b>		<b>18</b>
<b>Elective Courses</b>		<b>6</b>
<b>Electives (as needed to reach 60 units)</b>		
Course	Title	Credits
<b>Required Core Courses</b>		
FIRE-101	Introduction to Fire Technology	3
FIRE-102	Fundamentals of Fire Prevention	3
FIRE-106	Fundamentals of Fire Behavior and Combustion	3
FIRE-109	Fundamentals of Fire Protection and Equipment	3
FIRE-115	Building Construction for Fire Protection	3
FIRE-522	Principles of Fire and Emergency Services Safety and Survival (formerly FIRE-122)	3
<b>Subtotal</b>		<b>18</b>
<b>Elective Courses</b>		
Select 6 units of the following:		6
EMS-501	Emergency Medical Technician (formerly EMS-090)	
FIRE-107	Fire Apparatus and Equipment	
FIRE-108	Fundamentals of Fire Investigation	
FIRE-121	Fundamentals of Wild Land Fire Fighting	

FIRE-549      Work Experience Education: Fire  
Technology

Subtotal	6
<b>Total Units</b>	<b>24</b>

## Career Exploration

Discover information about careers that interest you!

1. Take a **Career Quiz** (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available **in-demand jobs** (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the **MSJC Program** (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.