

# FIRE TECHNOLOGY CERTIFICATE

The Fire Technology Certificate is designed for the student who wishes to make the fire service a career and is granted upon fulfillment of 18 units of core courses identified below and the completion of 6 additional units of program electives.

CT.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.

Fall Semester 1		Units
FIRE-501	Introduction to Fire Technology (formerly FIRE-101)	3
FIRE-102	Fundamentals of Fire Prevention	3
FIRE-106	Fundamentals of Fire Behavior and Combustion	3
FIRE-515	Building Construction for Fire Protection (formerly FIRE-115)	3
<b>Units</b>		<b>12</b>
Spring Semester 1		
FIRE-109	Fundamentals of Fire Protection and Equipment	3
FIRE-522	Principles of Fire and Emergency Services Safety and Survival (formerly FIRE-122)	3
EMS-501	Emergency Medical Technician (formerly EMS-090) <sup>1</sup>	6
<b>Units</b>		<b>12</b>
<b>Total Units</b>		<b>24</b>

<sup>1</sup> **Note:** Admission to the EMS program requires a separate application process, which must be completed during the semester prior to the program's start. Please visit the EMS website for details.

## Requirements

Course	Title	Credits
Required Courses		
FIRE-501	Introduction to Fire Technology (formerly FIRE-101)	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-515	Building Construction for Fire Protection (formerly FIRE-115)	3
FIRE-522	Principles of Fire and Emergency Services Safety and Survival (formerly FIRE-122)	3

Elective Courses		
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-521	Fundamentals of Wild Land Fire Fighting (formerly FIRE-121)	
FIRE-549	Work Experience Education: Fire Technology	
<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.

## Gainful Employment Disclosures: Fire Technology

Gainful Employment Disclosures – 2025

Program Name FIRE TECHNOLOGY

This program is designed to be completed in 8 months. This program will cost \$1,104 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with \$0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>

NOTE:

Cost per unit \$46

Nonresident Fees- Tuition: \$313

Capital Outlay: \$58

Parking Permits cost \$90 a year or \$45 a semester

RTA Go Pass cost \$16 a year or \$8 a semester

SGA discount sticker (optional) - \$14 a year or \$7 a semester

Student representation fee (optional) - \$4 a year or \$2 a semester

Help a Student Fund (optional) - \$4 a year or \$2 a semester

Student Health Center Fee - \$54 a year or \$27 a semester

\*For summer session fees and non-CA resident tuition, please see:

<https://www.msjc.edu/enroll/what-fees-do-i-have-to-pay.html>