

# FIRE TECHNOLOGY

**San Jacinto Campus**  
(951) 487-MSJC (6752)  
1-800-624-5561

**Menifee Valley Campus**  
(951) 672-MSJC (6752)  
1-800-452-3335  
Nursing and Allied Health Unit (951) 639-5577  
[www.msjc.edu/nursingandalliedhealth](http://www.msjc.edu/nursingandalliedhealth)

Degree(s)

**Transfer:**  
None

**Non-Transfer:**  
A.S. in Fire Technology<sup>4429 AS.FIRE</sup>  
(with General Education Requirements Option A)

Certificate(s)  
Certificate in Fire Technology<sup>22144CT.FIRE</sup>

Employment Concentration Certificate(s)  
Fire Academy Preparation<sup>99999 ECC.FIRE.FAP</sup>

## PROGRAM DESCRIPTION

The non-transfer Certificate/Associate degree (A.S.) in Fire Technology involves the study of fire behavior, protection and control techniques which for individuals currently working within these fields, there may be potential for salary and/or career advancement. This program prepares the student for an entry-level career in the fire service by providing a foundation of core concepts, practices, vocabulary, culture, safety and requirements for the fire service. This program is designed to prepare students for the entry-level career in public or private fire protection agencies, to survey career options, and to upgrade fire personnel. This program follows the Fire and Emergency Services Higher Education (FESHE) model from the National Fire Academy in Emmetsburg, Maryland and is a component of accreditation from the California State Fire Training.

## CAREER OPPORTUNITIES

All career opportunities listed are representative careers in each field. There are no guaranteed positions for students completing these programs. (See: [www.onetonline.org](http://www.onetonline.org))

### Non-Transfer A.S. Degree

Firefighter

### Certificate

Firefighter

## Employment Concentrations

### Fire Academy Preparation

Firefighter

## TRANSFER PREPARATION

MSJC offers a range of course work to prepare students to transfer to four-year colleges and universities. Courses that fulfill major requirements for an associate degree in this program might not be the same as those required for transfer into the major at a four-year university. All four-year institutions prescribe their own standards for course evaluation and admissions. Prospective transfer students are advised to research careers, degrees and majors in the Career/Transfer Center, access [www.assist.org](http://www.assist.org), review the MSJC catalog and meet with a counselor to expedite their transfer plan.

## LEARNING OUTCOMES

- Analyze Fire Service theories and techniques as well as conduct research on specific topics related to the Fire Service.
- Exhibit a working knowledge of the various aspects of the Fire Service to include but not limited to Fire Department structure, operations, educational and experiential requirements for firefighting jobs.
- Use technology to process information to identify and address problems.
- Develop good oral and written communication skills.
- Demonstrate the ability to address problems while working as part of the team.

## DEGREE

In addition to the 24 units of the certificate program in Fire Technology, students must also complete all MSJC General Education Option A requirements (a total of 60 units) for the Associate of Science degree in Fire Technology.

## CERTIFICATE

### Certificate in Fire Technology (24 units)

#### Required Core Courses (18 units)

FIRE-101	Introduction to Fire Technology	3 units
FIRE-102	Fundamentals of Fire Prevention	3 units
FIRE-103	Fire Hydraulics	3 units
FIRE-106	Fundamentals of Fire Behavior and Combustion	3 units
FIRE-109	Fundamentals of Fire Protection and Equipment	3 units
FIRE-115	Building Construction for Fire Protection	3 units

#### Elective Courses (6 units)

EMS-090	Emergency Medical Technician	6 units
FIRE-121	Fundamentals of Wild Land Fire Fighting	3 units
FIRE-149/CWE-149M	Occupational Internship: Fire Technology	1-4 units
FIRE-299	Special Projects: Fire Technology	1-3 units

## EMPLOYMENT CONCENTRATIONS

### Fire Academy Preparation (9 units)

Students completing this certificate 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.

EMS-090	Emergency Medical Technician	6 units
FIRE-101	Introduction to Fire Technology	3 units



Mt. San Jacinto College  
 Undergraduate certificate in Fire Technology  
 Program Length: 72 weeks

**Students graduating on time**

0% of Title IV students complete the program within 72 weeks<sup>1</sup>

**Program Costs\***

\$1,104 for in-state tuition and fees

\$8,184 for out-of-state tuition and fees

\$3,942 for books and supplies

Other Costs:

Parking Permits cost \$68 a year or \$34 a semester

RTA Go Pass cost \$12 a year or \$6 a semester

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

Student representation fee (optional) - \$2 a year or \$1 a semester

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

Student Health Center Fee - \$40 a year or \$20 a semester

\*For summer session fees, please see: <https://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

Visit website for more program cost information: <http://www.msjc.edu/StudentServices/EnrollmentServices/Pages/What-Fees-do-I-have-to-pay.aspx>

\*The amounts shown above include costs for the entire program, assuming normal time to completion.

Note that this information is subject to change.

**Students Borrowing Money**

**The typical graduate leaves with**

N/A\* in debt<sup>3</sup>

\*Fewer than 10 students completed this program within normal time. This number has been withheld to preserve the confidentiality of the students.

**The typical monthly loan payment**

N/A\* per month in student loans with an interest rate of N/A\*<sup>4</sup>.

\*Fewer than 10 students completed this program within normal time. This number has been withheld to preserve the confidentiality of the students.

**Graduates who got jobs**

N/A\* of program graduates got jobs

\*We are not currently required to calculate a job placement rate for program completers.

**Program graduates are employed in the following fields:** Municipal Firefighters: <http://onetonline.org/link/summary/33-2011.01>

Fire Inspectors: <http://onetonline.org/link/summary/33-2021.01>

**Licensure Requirements<sup>6</sup>**

The following do not have licensure requirements for this profession:

California

**Additional Information:**

No additional notes provided.

Date Created: 5/15/2019

These disclosures are required by the U.S. Department of Education

**Footnotes:**

<sup>1</sup> The share of students who completed the program within 100% of normal time (72 weeks).

<sup>2</sup> The share of students who borrowed Federal, private, and/or institutional loans to help pay for college.

<sup>3</sup> The median debt of borrowers who completed this program. This debt includes federal, private, and institutional loans.

<sup>4</sup> The median monthly loan payment for students who completed this program if it were repaid over ten years at a NA\* interest rate.

<sup>5</sup> The median earnings of program graduates who received Federal aid.

<sup>6</sup> Some States require students to graduate from a state approved program in order to obtain a license to practice a profession in those States.

<sup>7</sup> State Job Placement Rate:

Name of the state this placement rate is calculated for:

N/A

Follow the link below to find out who is included in the calculation of this rate:

N/A

What types of jobs were these students placed in?

N/A

When were the former students employed?

N/A

How were completers tracked?

N/A

<sup>8</sup> Accreditor Job Placement Rate:

Name of the accrediting agency this placement rate is calculated for:

N/A

Follow the link below to find out who is included in the calculation of this rate:

N/A

What types of jobs were these students placed in?

N/A

When were the former students employed?

N/A

How were completers tracked?

N/A