

FIRE TECHNOLOGY

Program Description

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. The classes provide the student with a knowledge of public and private fire service careers that include, but are not limited to; firefighting, arson investigation, fire prevention, fire service management, and public safety. Program options in the Fire Technology department include Certificate of Achievement and Associate Degrees in Fire technology. 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.

Fire Technology Department Page (<https://www.msjc.edu/firetechnology/>)

Transfer Preparation

MSJC offers a wide range of course work that prepares students for the workforce or for transfer to four-year colleges and universities. All four-year institutions prescribe their own standards for course evaluation and admissions. Courses that fulfill major requirements for an associate degree in a program at MSJC might not be the same as those required for transfer into a similar major at a four-year university. Please meet with a Counselor to confirm transfer requirements.

Transfer students are advised to do research on prospective majors and careers. The MSJC Transfer Center and MSJC catalog can be helpful tools. Students interested in transferring to CSU's or UC's can access major preparation by visiting ASSIST (<http://www.assist.org>). All students are advised to meet with a counselor at least once a semester to create or update their comprehensive education plan.

Contact Information

San Jacinto Campus
(951) 487-MSJC (6752)
1-800-624-5561
nursingandah@msjc.edu

Menifee Valley Campus
(951) 672-MSJC (6752)
1-800-452-3335
Nursing and Allied Health Unit (951) 639-5577
nursingandah@msjc.edu

Degrees/Certificates

Degrees

Non-Transfer Degree

- Fire Technology, A.S. (<https://catalog.msjc.edu/instructional-programs/fire-technology/fire-technology-as/>)

Certificate

- Fire Technology Certificate (<https://catalog.msjc.edu/instructional-programs/fire-technology/fire-technology-certificate/>)

Employment Concentration

- Fire Academy Preparation Employment Concentration (<https://catalog.msjc.edu/instructional-programs/fire-technology/fire-academy-preparation-ecc/>)

Program 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.

Careers and Salaries

Discover in-demand careers and education options based on your interests! See the list of careers below or explore further by searching for **Careers or Programs** (<https://msjc.emsicc.com>).

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. Labor market statistics are from the Bureau of Labor Statistics, US Census Bureau, O-NET, EMSI.

Career/Industries	CA Annual Median Salary or Range	Employment Demand or Opening CA
Forest Fire Inspectors and Prevention Specialists (SM, A, B)	\$78,412	46
Fire Investigators (SM, C)	\$89,026	132
Emergency Medical Technicians & Paramedic (C, SM, A)	\$37,331	1,702
Firefighters (SM, C)	\$71,245	3,245
Fire-Prevention and Protection Engineers (B)	\$125,296	181

(degree required: SM some college, C: Certificate, A: Associate degree, B: Bachelor's degree, M: Master's degree, D: Doctorate)