

# SUCCESS STORIES

Receive real world experience at Mission College. Our fire protection technology program provides the tools and support to succeed in the work force after graduation.

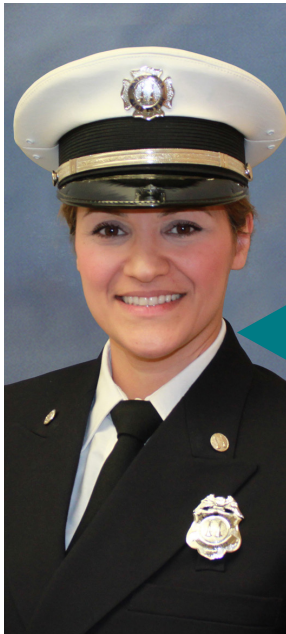
"I began attending Mission College while still in high school and my dream was to become a firefighter. I distinctly remember my instructors supportively walking alongside me on my journey to attain an A.S. Degree in Fire Science. After graduation, I continued my education and received a Master's Degree in Executive Fire Service Leadership. I am aware that my foundation of success came from my experience at Mission College. The faculty, as well as my peers, felt like a community of support and much like a second family."

– Ken Kehmna  
Fire Chief, Santa Clara  
County Fire Department



"I am a Deputy Fire Marshal with the City of Santa Clara Fire Department. In addition to earning a degree that enabled me to gain knowledge about the fire service as a whole, I learned about the Emergency Medical Service and fire suppression side as well as the fire prevention side. Mission College is the place that got me passionate and allowed me to learn about fire prevention. Obtaining a Fire Science degree from Mission College gave me a great foundation to enter the fire service and thrive in it."

– Soulmaz Brazil  
Deputy Fire Marshal –  
Hazardous Materials, City of  
Santa Clara Fire Department



## Certificates and Degrees

**Associate in Science Degree  
Fire Protection Technology**  
60 units Required for the Degree

**Course Completion Certificate  
Emergency Medical Technician-B**

**More Information:**  
[firetech.missioncollege.edu](http://firetech.missioncollege.edu)

View a complete schedule at:  
[missioncollege.edu/class\\_schedule](http://missioncollege.edu/class_schedule)

**Contact Information:**  
(408) 855-5375  
[david.rose@missioncollege.edu](mailto:david.rose@missioncollege.edu)  
[rod.pavao@missioncollege.edu](mailto:rod.pavao@missioncollege.edu)



@missioncollegesantaclara



@go2MissionSC



@go2missionSC

[missioncollege.edu](http://missioncollege.edu)



# FIRE PROTECTION TECHNOLOGY



**MISSION  
COLLEGE**  
SANTA CLARA



## PROGRAM INFORMATION

### Associate in Science Degree

Earn an Associate's Degree in Fire Protection Technology.

### Certificate

Earn a course completion certificate as an Emergency Medical Technician-Basic, which meets the requirements to apply for EMT-B certification.

### Fire Protection Technology – Associate in Science Degree

The Fire Protection Technology program is designed to provide educational opportunities to persons who are seeking employment or advancement in public or private fire protection agencies as well as persons who are pursuing a four-year degree in Fire Administration or Fire Protection Engineering. The courses will not only prepare the student for an entry-level position in one of the several areas concerned with safeguarding and preserving human life and property against fire and disaster, but will also increase the student's potential for advancement.

### Emergency Medical Technician Basic

FPT 65, FPT 65C, and FPT 65L meet the educational requirements for certification as an EMT-I as specified in the CCR title 22. Eligibility for this course requires successful completion of BLS for the Healthcare Provider (CPR) through the American Heart Association. Students must show proof of CPR certification in the first two weeks of their EMT class.

## SILICON VALLEY'S COMMUNITY COLLEGE

For 40 years Mission College has been Silicon Valley's community college located in the City of Santa Clara, across from Great America. We offer 40 degrees and 30 certificates. Many of our students use their two-year degrees to transfer to four-year schools. We also offer certificate and vocational programs to get you into the workplace fast. We offer an intimate educational experience. The highly diverse and active student body makes for an energetic and vibrant community.

## COURSES OFFERED:

- Fire Protection Organization
- Fire Behavior and Combustion
- Fire Protection Equipment and Systems
- Building Construction for Fire Protection
- Fire Prevention Technology
- Hazardous Materials Technology
- Rescue Practices
- Wildland Fire Technology
- Fundamentals of Fire Suppression
- Emergency Medical Technician I Theory
- EMT I Clinical Experience
- Emergency Medical Technician I Lab
- EMT I Refresher Course
- Firefighter Physical Agility Training

## CAREER OPPORTUNITIES:

- Firefighter
- Firefighter- Paramedic
- Fire Investigator
- Fire Prevention Specialist
- Fire Marshal
- Deputy Fire Marshal
- Fire Officer
- Chief Officer
- Hazardous Materials
- Public Education

Some career options require more than two years of college study. Classes beyond those listed in the Associate Degree program may be required to fulfill some career options or for preparation for transfer to a university program.

## JOIN FIRE TECH AT MISSION COLLEGE

Firefighting is a dynamic public safety profession that requires a wide and ever-changing range of knowledge and skills. Areas of necessary knowledge include safety, fire behavior and suppression, rescue, emergency medical service delivery and operations, hazardous materials, building construction, detection and signaling systems and the incident command system. This program focuses on preparing the student for an initial career in the fire service. It also includes educational opportunities for those currently employed within the fire service, as well as those within volunteer fire agencies. Courses include those required for transfer to four-year colleges, those required to meet eligibility requirements for employment, and those required for incentive salary increases and promotions.



## STUDENT LEARNING OUTCOMES

### Fire Protection Technology Associate in Science Degree

- To provide the Fire Protection Technology student with the knowledge and skills necessary to effectively carry out the duties of an entry-level firefighter.
- To provide a statewide uniform Fire Technology Curriculum that meets transfer requirements to the California State University System.

### Emergency Medical Technician

- To provide the knowledge and skills necessary to perform as an EMT at the scene of an incident or emergency.
- To provide the knowledge and skills necessary to become certified as an Emergency Medical Technician.