

FIRE SCIENCE TECHNOLOGY

Program Description

The Fire Science Technology program is designed to prepare students for entry-level occupations in structural fire service as well as provide training and skills for individuals already employed in the fire service who are interested in career advancement. The Fire Science curriculum is designed in accordance with the International Fire Service Training Association (IFSTA) standards.

Job opportunities may be found in small or large municipal fire departments, fire protection districts, or industrial fire departments. Students wishing to further their education with a four-year degree can do so through select university programs.

Why earn a fire science degree at CMU Tech?

- This program provides intensive instruction that satisfies the certification requirement to take the State Colorado Division of Fire Prevention and Control Firefighter I exam. The Academy's rigorous instruction includes lectures at CMU and CMU Tech by seasoned firefighters, and hands-on practice at state-of-the-art live burn facilities.
- The Academy students will experience operations such as house burns, car fires, forcible entry, and many others. If you are looking for a career in firefighting, or if you simply want to serve as a volunteer firefighter, this is an excellent place to begin.
- The AAS in Fire Science Technology enables area firefighters and community members an opportunity to obtain Continuing Education credits, provide firefighters a location to perform their Job Performance Requirement testing, provide a location for young perspective firefighters to receive the education and training to move forward into the fire service and enable them to feed directly onto a local fire agency.
- External agencies impacting the curriculum include the Fire and Emergency Services Higher Educational (FESHE) organization which accredits fire science programs. This organization establishes standards to ensure the quality of the educational experience, and the assessment of student knowledge and skills. The design and implementation of CMU Tech's Fire Science program would align with those standards.

Fire Academy

In addition to the AAS Degree, students can also earn a Fire Academy certificate at CMU Tech.

Firefighting is more than a career, it's a challenging and exciting profession where you can make a real difference in people's lives, whether responding to fires, administering first aid, or inspecting for fire hazards. Train with a close-knit community of dedicated, seasoned firefighters in the CMU Tech Fire Academy. In one semester of classes, students can become certified to work as a firefighter in Colorado.

Fire departments set high standards to save lives. Students will be challenged to demonstrate peak physical capabilities along with a drive to be the best. Preventing and putting out fires involves carrying heavy gear in tough conditions while working as a team and keeping a cool head.

Based at a state-of-the-art training facility, CMU Tech has everything students need to prepare for a career in fire. In just 16 weeks, students

will get 45 hours of classroom work and 135 hours of hands-on training to prepare for a career in fire service. The Fire Academy will prepare students to take their first step in a firefighting career and pass the Firefighter I and Hazmat Colorado practical certification examinations.

Additional requirements for admission to the Fire Academy:

- Students must first contact the Director of Fire Science at 970-255-2576.
- Fill out a secondary application.
- Applications open November 1st and will close March 31st.

Contact Information

Office of Student Services
CMU Tech, Bishop B102
2508 Blichmann Avenue
970.255.2670

Programs of Study Certificates

- [Fire Academy Level 1 \(Technical Certificate\)](#)

Associates

- [Fire Science Technology \(AAS\)](#)