



Capital Area Technical Center

Firefighting Program Overview

- **CATC Program Summary:**

- The CATC Firefighting program is modeled after the Maine Fire Science Institute Firefighter I & II program.
- The program includes a combination of classroom, fitness training, and hands-on experience using fire fighting tools and equipment.
- Classroom work to be completed at CATC with on-site hands-on training at the Augusta Fire Department Western Ave Station.
- Students will develop necessary skills for a career in firefighting to include: effective communication, incident management, tool and equipment usage, rescue techniques, fire behavior, fire truck function and operations, ethics, teamwork, professionalism and employability, physical training, and leadership.
- EMT certification is required by many Maine fire departments. An EMT program to pair with the Firefighting program is currently under consideration for the 2020-2021 school year.

- **Course Objectives and Outcomes:**

- Certifications:

- Firefighter I & II (skills testing and written exam)
 - This course content provide training required by fire departements before entering structure fires or attaching car fires and a certification recognized in 34 states
 - A Basic Fire School Certification can be offered as a sub-certification.
- First Aid/CPR Certification
- OSHA 10 Certification
- Traffic Control Certification

- Dual Enrollment and Articulation Agreements:

- An agreement with SMCC and EMCC is under consideration to award 6 credits toward an Associate in Applied Science degree in Fire Science

- Employment Opportunities:

- There is currently a critical need for trained and certified firefighters.
- Maine state empolyment projections between 2016 and 2026 indicate a projected 3.2% increase in firefighting positions and a annual opening rate of 6.9%.

- **Standards and Course Materials:**

- Standards: National Fire Protection Association's 1001 Standards for professional qualifications of firefighters
- Course Materials: Fundamentals of Fire Fighter Skills, 4th Edition
 - Standard industry course material used in most firefighting CTE and AAS firefighting programs.
 - Exceeds the performnce requirements for NFHA 1001