FIRE SCIENCE TECHNOLOGY

Program Description
The Fire Science Technology program is designed to provide academic education and training to develop competent Fire Fighters in fire protection, prevention and administration.

Upon successful completion of the program, the graduate is eligible to take national certification exams in Fire Fighter I and II and Hazardous Material Operations.

Students will complete a core of courses designed to ensure they possess the base knowledge necessary in Fire Science Technology. Satisfactory completion of prescribed 53 semester credit hours will lead to a Diploma. An additional 15 semester credit hours of the general education requirements will result in an Associate of Applied Science Degree.

Program Fee
Fire Science Technology Students will be required to have training gear. A $500.00 non-refundable, one-time fee will be charged to students who rent this gear from the college. Students must provide and arrive to class with the following: Structure Firefighting boots, Structure Firefighting gloves and Structure Protective hood.

Program Objectives
• Have knowledge of hazards and related safety practices associated with fire science technology.
• Perform tasks related to fire protection, prevention and administration.
• Demonstrate an understanding of personal and work characteristics that contribute to effective job performance.
• Use effective communication skills appropriate to the fire science industry.
• Apply the theory of fire science to specific jobs using critical thinking/reasoning skills and the ability to work independently.
• Use mathematical data and reasoning skills in relation to fire science technology.
• Prepare for certification/licensing.

Career Opportunities
Employment opportunities include city, town and rural salaried fire departments, government agencies, construction firms, insurance companies and hazardous materials handling. While not a salaried position, many communities depend on volunteer firefighters solely or in coordination with the salaried fire department personnel.

Associate of Applied Science Degree
• Fire Science Technology, AAS (https://catalog.mpcc.edu/course-catalog/programs/fire-science-technology/fire-science-technology-aas)

Diploma
• Fire Science Technology Diploma (https://catalog.mpcc.edu/course-catalog/programs/fire-science-technology/fire-science-technology-diploma)