



MPC

PUBLIC SAFETY TRAINING CENTER

MONTEREY PENINSULA COLLEGE

FIRE PROTECTION TECHNOLOGY CORE CLASSES



EPTC 1: Principles of Emergency Services

This course covers the philosophy and history of fire protection and the history of loss of life and property by fire. Topics include organization and function of fire protection agencies. This course also offers a survey of career opportunities and development of job-seeking skills.

EPTC 2: Fire Behavior and Combustion

This course covers the characteristics and behavior of fire, fire hazard properties of ordinary materials, extinguishing agents, fire suppression organization, and equipment.

EPTC 3: Principles of Fire Emergency Services and Safety Survival

This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavioral change throughout emergency services.

EPTC 4: Building Construction for Fire Prevention

This course is the study of the components of building construction that relate to fire safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at fires. The development and evolution of building and fire codes are studied in relationship to past fires in residential, commercial, and industrial buildings.

EPTC 5: Fire Prevention

This course provides fundamental information regarding the history and philosophy of fire prevention. Topics include organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards and the relationship of fire prevention to fire safety education, detection and suppression.

EPTC 6: Fire Protection Systems

This course covers the design, application, operation, and inspection of fire alarm and detection systems, water-based fire suppression systems, and special-hazard fire suppression.

Electives:

Intro to Basic Firefighter Academy
Firefighter I Academy
Firefighter I Academy Application
Firefighter I Academy Observation

Firefighter II Academy
Fire App Driver/Operator 1A
Fire App Driver/Operator 1B
Rescue Systems I

Rope Rescue Awareness
Incident Command Systems 300/400
Fire Control 3

For questions about the Fire Protection Technology classes email jcavanaugh@mpc.edu or call (831) 646-4218.