

# FIRE PROTECTION TECHNOLOGY

## Fire Protection Technology (FPTC)

### FPTC 1 - Principles of Emergency Services (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 51 hours lecture*

This course covers the philosophy and history of fire protection, and the history of loss of life and property by fire. Topics include the organization and function of fire protection agencies. The course also offers a survey of career opportunities and development of job-seeking skills. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE  
Credit transferable: Transfers to CSU  
GE Credit: MPC E2 Career Exploration*

### FPTC 2 - Fire Behavior and Combustion (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 51 hours lecture*

This course covers the characteristics and behavior of fire, fire hazard properties of ordinary materials, extinguishing agents, fire suppression organization, and equipment. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE  
Credit transferable: Transfers to CSU*

### FPTC 3 - Principles of Fire and Emergency Services Safety & Survival (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 51 hours lecture*

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. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE  
Credit transferable: Transfers to CSU*

### FPTC 4 - Building Construction for Fire Prevention (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 51 hours lecture*

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 of and evolution of building and fire codes are studied in relationship to past fires in residential, commercial and industrial buildings. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE  
Credit transferable: Transfers to CSU*

### FPTC 5 - Fire Prevention (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 51 hours lecture*

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. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE  
Credit transferable: Transfers to CSU*

### FPTC 6 - Fire Protection Systems (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 51 hours lecture*

This course covers the design, application, operation, and inspection of fire alarm and detection systems, water-based fire suppression systems, special-hazard fire suppression systems, water supply for fire protection, and portable fire extinguishers. It includes extensive review of National Fire Code requirements. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: Completion of or concurrent enrollment in ENGL 1A or ENGL 1AE  
Credit transferable: Transfers to CSU*

### FPTC 7 - Firefighting Strategies and Tactics (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 51 hours lecture*

This course provides the principles of fire control through utilization of manpower, equipment, extinguishing agents, fire command, and control procedures. Portions of instruction may be offered online; may also be offered fully online.

*Credit transferable: Transfers to CSU*

### FPTC 100 - Rescue Systems 1: Basic Rescue Skills (1 unit)

*Pass/No Pass (P/NP) Only • Total hours: 8.5 hours lecture; 34 hours lab*

This course provides students with knowledge and skills for dealing with urban structural collapse and rescue. This is a state-certified course.

*Prerequisite(s): Low Angle Rope Rescue is required prior to enrollment into Rescue Systems 1.*

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable*

*Materials fee: \$360*

### FPTC 101 - Introduction to Firefighter Academy (3 units)

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 42.5 hours lecture; 25.5 hours lab*

This course is designed to provide information about the Firefighter Academy. During the course students learn about the academic and manipulative skills required to successfully complete the Firefighter Academy.

*Credit transferable: Non-transferable*

### FPTC 102A - Firefighter I Observation and Certification Assessment (2 units)

*Pass/No Pass (P/NP) Only • Total hours: 8.5 hours lecture; 76.5 hours lab*

This course prepares and assesses students who have successfully completed the Firefighter training standards for the California State Fire Marshal Office Firefighter I certification examination. Students can contact the Director of the Public Safety Training Center or refer to the State Fire Marshal Office web site for additional information.

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Enrollment limitation(s): Other*

*Credit transferable: Non-transferable*

*Materials fee: \$400*

**FPTC 102B - Firefighter II Observation and Certification Assessment (1 unit)**

*Pass/No Pass (P/NP) Only • Total hours: 8.5 hours lecture; 36 hours lab*

This course prepares and assesses students who have successfully completed the Firefighter II training standards for the California State Fire Marshal Office Firefighter II certification examination. Students can contact the Director of the Public Safety Training Center or refer to the State Fire Marshal Office web site for additional information.

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Enrollment limitation(s): Other*

*Credit transferable: Non-transferable*

*Materials fee: \$100*

**FPTC 104A - Fire Apparatus Driver/Operator 1A: Emergency Vehicle Operati (1 unit)**

*Pass/No Pass (P/NP) Only • Total hours: 17 hours lecture; 23.5 hours lab*

This course provides students with skills and techniques for the safe handling of fire apparatus. Topics include driver responsibilities, recognized standards, and related laws for fire apparatus. The course is approved by the California State Fire Marshal's Office.

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable*

*Materials fee: \$235*

**FPTC 104B - Fire Apparatus Driver/Operator 1B: Pump Operations (1 unit)**

*Pass/No Pass (P/NP) Only • Total hours: 16 hours lecture; 24 hours lab*

This course builds upon the knowledge and skills learned in Driver/Operator 1A FPTC 104A. Students are provided information on fire pump construction, theory of fire pump operations, and fire hydraulics, teaching them to determine fire flow and calculate friction loss. Students are provided the opportunity to use their skills during simulated pumping conditions. This course is approved by the California State Fire Marshal's Office.

*Prerequisite(s): FPTC 104A (or FIRE 123)*

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable*

*Materials fee: \$235*

**FPTC 105A - Firefighter Academy (14.5 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 136 hours lecture; 340 hours lab*

This course is part of a two-course co-requisite program designed to provide the student with the academic and manipulative skills required for Firefighter I/II certification through the California State Fire Marshal's Office. The course requires significant commitment in time and dedication to complete. It also requires both academic and physical skills, in addition to extra motivation to endure the intensive schedule. Portions of instruction may be offered online.

*Prerequisite(s): Certified as basic EMT or equivalent, Must have current CPAT or Biddle card, Must pass a doctors physical with spirometry.*

*Corequisite(s): FPTC 105B*

*Advisory: FPTC 101; This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable*

*Materials fee: \$2,165*

**FPTC 105B - Firefighter Academy Application (6 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 34 hours lecture; 204 hours lab*

This course is part of a two-course co-requisite program designed to provide the student with the academic and manipulative skills required for Firefighter I/II certification through the California State Fire Marshal's Office. The course requires significant commitment in time and dedication to complete. It also requires both academic and physical skills, in addition to extra motivation to endure the intensive schedule. Portions of instruction may be offered online.

*Corequisite(s): FPTC 105A*

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable*

*Materials fee: \$1,825*

**FPTC 106 - Firefighter II Academy (3.5 units)**

*Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 40 hours lecture; 80 hours lab*

The course is designed to meet the State Fire Marshal Firefighter II curriculum of State Fire Training. This course provides the skills and knowledge needed for the firefighter to take on increased leadership roles and responsibilities pertaining to fire department communications, fireground operations, rescue operations, and fire and life safety initiatives, preparedness, and maintenance. Portions of instruction may be offered online.

*Prerequisite(s): CA State Fire Marshal Firefighter I or FPTC 105A and FPTC 105B or FPTC 405A and FPTC 405B*

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable*

*Materials fee: \$400*

**FPTC 112D - Instructor I - Instructional Methodology (1 unit)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 8.5 hours lecture; 32 hours lab

This course provides the skills and knowledge needed for intermediate-level professional instructors to perform their duties safely, effectively, and competently. The curriculum is based on the 2012 edition of NFPA 1041 Standard for Fire Service Instructor Professional Qualifications and the 2012 edition of NFPA 1403 Standard on Live Fire Training Evolutions.

*Credit transferable: Non-transferable*

*Materials fee: \$170*

**FPTC 117 - Vehicle Extrication (0.5 units)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 9 hours lecture; 15 hours lab

This course provides a systematic approach to vehicle rescue and the use of mechanical and hand tools used in the extrication process.

*Prerequisite(s): Student needs to be currently enrolled in a basic academy or hired by a department; and must have completed first aid and CPR or equivalent*

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable*

*Materials fee: \$75*

**FPTC 118 - Low-Angle Rope Rescue (0.5 units)**

Pass/No Pass (P/NP) Only • Total hours: 4 hours lecture; 20 hours lab

This course equips students with the techniques and methods for using rope, webbing, hardware friction devices, and litters in low-angle rescues. Areas covered include rope and related equipment, anchor systems, safety lines, stretcher lashing and rigging, mechanical advantage systems, and single-line and two-line rescue systems. Upon successful completion, students receive State Fire Marshal certification. (L)

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable*

*Materials fee: \$75*

**FPTC 119 - Rapid Intervention Crew Operations (0.5 units)**

Pass/No Pass (P/NP) Only • Total hours: 4 hours lecture; 20 hours lab

This course trains firefighters with the techniques and training to conduct a rapid-intervention crew (RIC) deployment, including large search operations and thermal imaging. The course includes information on how to locate and use these line-of-duty-death (LODD) studies as training and prevention tools throughout their careers.

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable*

*Materials fee: \$75*

**FPTC 126 - Confined-Space Rescue Technician (0.5 units)**

Pass/No Pass (P/NP) Only • Total hours: 2.5 hours lecture; 37.5 hours lab

This course is an intensive hands-on training program that will prepare students to respond to confined-space emergencies. It prepares students to identify confined spaces and permit-required confined spaces, the hazards associated with permit-required confined spaces, target industries and hazards, state and federal regulations, components of a rescue operation, and the roles and responsibilities of the rescue team.

*Prerequisite(s): Confined Space Rescue Awareness.*

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable*

*Materials fee: \$75*

**FPTC 127A - S-212 Wildland Fire Chainsaws (0.5 units)**

Pass/No Pass (P/NP) Only • Total hours: 4 hours lecture; 32 hours lab

This course prepares students to become a wildfire powersaw operator within the National Interagency Management System. It covers safety considerations, techniques of saw operation, maintenance, and repair. Training on Wildland Fire Chainsaws (S-212) is identified training in the National Wildfire Coordinating Group Suppression/California State Fire Marshal Curriculum. Intended for students who are pursuing a career with a federal or state wildland fire management agency or as specialty training with a municipal/county fire agency.

*Prerequisite(s): Must meet the requirements of Firefighter II, and be current certification in Basic First Aid and CPR*

*Credit transferable: Non-transferable*

*Materials fee: \$75*

**FPTC 127B - S-290 Intermediate Wildland Fire Behavior (0.5 units)**

Pass/No Pass (P/NP) Only • Total hours: 4 hours lecture; 28 hours lab

This is an intermediate course designed to provide students with wildland fire behavior knowledge applicable for safe and effective wildland fire management activities. Upon successful completion, students are awarded a S-290 certificate from the State Board of Fire Services. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): S-190: Introduction to Wildland Fire Behavior. This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course*

*Credit transferable: Non-transferable*

*Materials fee: \$75*

**FPTC 127C - S-248 Status Check-In Recorder (1 unit)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 17 hours lecture  
This course is designed to introduce students to the tools and techniques used to perform the duties of a Status/Check-in Recorder (SCKN). The course provides an overview of what a student can expect if dispatched to an incident. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: As required by the National Wildfire Coordinating Group: Each student will need access to a computer that has the most current incident automation software. At the time of this publication, I-Suite is the industry standard. It is recommended that students have completed ICS-200, Basic ICS and L-180, Human Factors and have basic computer skills in the Windows environment*

*Credit transferable: Non-transferable*

*Materials fee: \$16*

**FPTC 127D - S-354 Facilities Unit Leader (1 unit)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 24 hours lecture  
This course prepares students to perform the job of Facilities Unit Leader (FACL) as outlined in the NIMS: Wildland Fire Qualification System Guide, PMS 310-1, and the position taskbook developed for the position. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): Qualified as Base/Camp Manager (BCMG)*

*Advisory: As required by the National Wildfire Coordinating Group: It is recommended that students have completed ICS-300, Intermediate ICS, ICS-800, National Response Framework, and L-380, Fireline Leadership, and have basic computer skills in the Windows environment*

*Credit transferable: Non-transferable*

*Materials fee: \$13*

**FPTC 128A - D-110 Expanded Dispatch Recorder (1 unit)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 17 hours lecture  
This course provides students with the skills to perform as an Expanded Dispatch Recorder (EDRC). Topics include the structure of the expanded dispatch organization, description of resource ordering and statusing process, and the importance of the EDRC having effective communication skills and working relationships. A Reference Guide at the end of Unit 3 contains reference documents for students to use during the course and when on assignment. The course gives a very general overview of Resource Ordering and Statusing System (ROSS) – it does not teach students how to use ROSS. Portions of instruction may be offered online; may also be offered fully online.

*Credit transferable: Non-transferable*

*Materials fee: \$9*

**FPTC 128B - C-262 Equipment Time Recorder (1 unit)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 24 hours lecture  
The Equipment Time Recorder course prepares the individual to track and post equipment time for wildland fire or all-hazard incidents. The EQTR works in the finance functional area while assigned to an incident. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): ICS 100; and ICS 700*

*Advisory: As required by the National Wildfire Coordinating Group*

*Credit transferable: Non-transferable*

*Materials fee: \$20*

**FPTC 130A - Company Officer 2A - Human Resources (1.5 units)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 29.5 hours lecture; 12.5 hours lab

This course provides information on the use of human resources to accomplish assignments, evaluate member performance, supervise personnel, and integrate health and safety plans, policies, and procedures into daily activities as well as the emergency scene. This is part of the Company Officer Certificate of Achievement designed for California State Fire Training professionals. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable*

*Materials fee: \$140*

**FPTC 130B - Company Officer 2B - General Administrative (1 unit)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 15 hours lecture; 7 hours lab

This course provides information on general administrative functions and the implementation of department policies and procedures. It also addresses conveying the fire department's role, image, and mission to the public. This is part of the Company Officer Certificate of Achievement designed for California State Fire Training professionals. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable*

*Materials fee: \$140*

**FPTC 130C - Company Officer 2C - Fire Inspections and Investigations (2 units)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 30.5 hours lecture; 10.5 hours lab

This course provides an overview of the information necessary to conduct inspections, identify hazards, and address violations, performing a fire investigation to determine preliminary cause and to secure the incident scene and preserve evidence. This is part of the Company Officer Certificate of Achievement designed for California State Fire Training professionals. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable*

*Materials fee: \$140*

**FPTC 130D - Company Officer 2D - All-Risk Command Operations (2 units)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 29.5 hours lecture; 17 hours lab

This course provides information on conducting scene size-up, developing and implementing an incident action plan involving single and multi-unit operations for various types of emergency incidents to mitigate the situation following agency safety procedures, conducting pre-incident planning, and developing and conducting a post-incident analysis. This is part of the Company Officer Certificate of Achievement designed for California State Fire Training professionals. Portions of instruction may be offered online; may also be offered fully online.

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable  
Materials fee: \$140*

**FPTC 130E - Company Officer 2E - Wildland Incident Operations (2 units)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 29.5 hours lecture; 17 hours lab

This course provides information on evaluating and reporting incident conditions, analyzing incident needs, developing and implementing a plan of action to deploy incident resources, completing all operations to suppress a wildland fire, establishing an incident command post, creating an incident action plan, and completing incident records and reports. This is part of the Company Officer Certificate of Achievement designed for California State Fire Training professionals. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course*

*Credit transferable: Non-transferable  
Materials fee: \$140*

**FPTC 131 - Hazardous Material Incident Commander Training (0.5 units)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 8.5 hours lecture; 15.5 hours lab

This course is designed to provide the Hazardous Material Incident Commander with the skills and competency necessary to mitigate an emergency incident, initiate action, and ensure the restoration of normal services with a comprehensive resource-management approach.

*Prerequisite(s): Must meet the requirements of CSTI or California State Fire Training*

*Credit transferable: Non-transferable  
Materials fee: \$45*

**FPTC 135 - Ethical Leadership (0.5 units)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 8.5 hours lecture  
This course offers an examination of the fundamental values of fire service instructors by exploring examples of ethical behavior in the classroom. Includes basic concepts, terms, and theories of ethical decision making; code of ethics; and concepts in ethical leadership.

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable  
Materials fee: \$75*

**FPTC 140 - I-300 Intermediate Incident Command System (0.5 units)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 8.5 hours lecture; 17 hours lab

This course provides instruction in Incident Command System (ICS) organization and operations at the management/command level. Topics include terminology, organization, span of control, ICS fundamentals review, incident/event assessment and agency guidance in establishing incident objectives, Unified Command, incident resource management, planning process, demobilization, transfer of command, and close out.

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable  
Materials fee: \$75*

**FPTC 141 - I-400 Incident Command System (1 unit)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 17 hours lecture

This course provides instruction in the Incident Command System at a management/command level. The course reviews operational understanding of large single-agency and complex multi-agency/multi-jurisdictional incident responses. It also covers organization and staffing, incident resource management, air operations, planning, command and general staff, unified command, major and/or complex incident/event management, area command, and ICS for executives.

*Prerequisite(s): FPTC 140*

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable  
Materials fee: \$100*

**FPTC 142 - I-200 Basic Incident Command System (0.5 units)**

Letter Grade (LG) or Pass/No Pass (P/NP) • Total hours: 7.5 hours lecture; 8.5 hours lab

This course is an introduction to the Incident Command System (ICS) National Training curriculum. It includes principles and features, organization overview, incident facilities, resources, and common responsibilities.

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Credit transferable: Non-transferable*

*Materials fee: \$75*

**FPTC 143 - Rope Rescue Awareness/Operations (1 unit)**

Pass/No Pass (P/NP) Only • Total hours: 12.5 hours lecture; 28 hours lab

This course provides information on low-angle and high-angle rescue, familiarizing participants with operation of simple, complex, and compound rope rescue systems in the low- and high-angle environment. This is a state-certified course.

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Enrollment limitation(s): Other*

*Credit transferable: Non-transferable*

*Materials fee: \$75*

**FPTC 145 - Fire Control 3 Structural Firefighting (1 unit)**

Pass/No Pass (P/NP) Only • Total hours: 14 hours lecture; 26 hours lab

This course provides the knowledge and skills that prepare a firefighter to locate, control, and extinguish an interior structure fire.

*Prerequisite(s): Authorization to attend the training from their fire agency or Accredited Local Academy (ALA) or Accredited Regional Training Program (ARTP), Verification of meeting prerequisite requirements based on NFPA 1403, Current fit test documentation, Cal/OSHA compliant structural personal protective equipment (PPE) and self contained breathing apparatus (SCBA), Completed release of liability form*

*Enrollment limitation(s): Instructor referral and/or approval required to participate.*

*Repeatable: Noncredit*

*Repeatable: Repetition is allowed for occupational work experience up to a total of 16 units (Title 5, Section 55253)*

*Credit transferable: Non-transferable*

*Materials fee: \$400*

**FPTC 213 - Skills and Knowledge Update for Full-Time Firefighters (3-8 units)**

Pass/No Pass (P/NP) Only • Total hours: 25.5-51 hours lecture; 85-255 hours lab

This variable-hour course (110.5 to 306 hours) is intended to meet the training needs of full-time firefighters. Students build on their firefighting skills, including knowledge of firefighter safety, SCBA PASS devices, determination of air supply, electrical hazards, use of tools and equipment, fuel types and suppression methods, attack techniques, structural search and rescue, first aid, and CPR skills. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): State Fire Marshal Office (SFMO) certified basic firefighting academy diploma or equivalent as determined by the Dean of Academy Instruction. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency. Prior to beginning this course students must already be familiar with, and be able to demonstrate all of the skills listed in the SFMO curriculum. These will not be taught in the course; rather, they will be the starting point for advanced firefighter training that builds upon them. Contact the Director of the Public Safety Training Center for a complete list.*

*Credit transferable: Non-transferable*

**FPTC 214 - Skills and Knowledge Update for Volunteer/Reserve Firefighter (1-3 units)**

Pass/No Pass (P/NP) Only • Total hours: 8.5-25.5 hours lecture; 25.5-85 hours lab

This variable-hour course (34-110.5 hours) meets the training needs of the volunteer/reserve firefighter. Students build on their firefighting skills, including knowledge of firefighter safety, SCBA PASS devices, determination of air supply, electrical hazards, use of tools and equipment, fuel types and suppression methods, attack techniques, structural search and rescue, first aid, and CPR skills. The course is an overview of current technology and available equipment and resources within the scope of fire control, rescue, and intervention. Portions of instruction may be offered online; may also be offered fully online.

*Prerequisite(s): State Fire Marshal Office (SFMO) certified basic firefighting academy diploma or equivalent as determined by the Dean of Academy Instruction. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency. Prior to beginning this course students must already be familiar with, and be able to demonstrate all of the skills listed in the SFMO curriculum. These will not be taught in the course; rather, they will be the starting point for advanced firefighter training that builds upon them. Contact the Director of the Public Safety Training Center for a complete list.*

*Credit transferable: Non-transferable*

**FPTC 401 - Community Emergency Response Training (0 units)**

Pass/No Pass (P/NP) Only • Total hours: 4 hours lecture; 20 hours lab

This course provides students with the basic skills needed to respond to their community's immediate needs in the aftermath of a disaster, when emergency services are not immediately available. Students who complete this course can assist the Monterey community emergency response team program in saving lives and protecting property using basic techniques. It is open to individuals who desire the skills and knowledge required to prepare for and respond to a disaster.

*Repeatable: Noncredit*

**FPTC 405A - Firefighter Academy (0 units)**

*Pass/No Pass (P/NP) Only • Total hours: 136 hours lecture; 340 hours lab*

This course is part of a two-course corequisite program designed to provide the student with the academic and manipulative skills required for Firefighter I/II certification through the California State Fire Marshal's Office. The course requires significant commitment in time and dedication to complete. It also requires both academic and physical skills, in addition to extra motivation to endure the intensive schedule. Portions of instruction may be offered online. Portions of instruction may be offered online.

*Prerequisite(s): Certified as basic EMT or equivalent, Must have current CPAT or Biddle card, Must pass a doctors physical with spirometry*

*Corequisite(s): FPTC 105B or FPTC 405B*

*Advisory: FPTC 101; This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Repeatable: Noncredit*

*Materials fee: \$2,165*

**FPTC 405B - Firefighter Academy Application (0 units)**

*Pass/No Pass (P/NP) Only • Total hours: 34 hours lecture; 204 hours lab*

This course is part of a two-course two course corequisite program designed to provide the student with the academic and manipulative skills required for Firefighter I/II certification through the California State Fire Marshal's Office. The course requires significant commitment in time and dedication to complete. It also requires both academic and physical skills, in addition to extra motivation to endure the intensive schedule. Portions of instruction may be offered online.

*Corequisite(s): FPTC 105A or FPTC 405A*

*Advisory: This course is part of the California State Fire Marshal's Office training program. Students need to consult the State Fire Marshal website for course sequencing and prerequisites. Course sequences will be required to participate in the certification exam and course. Contact the Public Safety Training Center for additional information at 831-646-4240.*

*Repeatable: Noncredit*

*Materials fee: \$1,825*

**FPTC 415 - Field Training (0 units)**

*Non Credit • Total hours: 136 hours lecture*

This non-credit, variable-hour practicum course introduces agency new recruit/employees to the job requirements of a firefighter including policies, procedures, and agency protocols. The course provides necessary training and performance assessments for a California firefighter trainee including current trends in fire and life safety, basic medical, and rescue techniques. Portions of instruction may be offered online; may also be offered fully online.

*Corequisite(s): FPTC 415L*

*Repeatable: Noncredit*

**FPTC 415L - Field Training Lab (0 units)**

*Non Credit • Total hours: 272-816 hours lab*

This two part non-credit, variable-hour practicum course introduces agency new recruit/employees to the hands-on job requirements of a firefighter. The course provides necessary training and performance assessments for a California firefighter trainee including current practices in fire and life safety, basic medical, and rescue techniques. Portions of instruction may be offered online; may also be offered fully online.

*Corequisite(s): FPTC 415*

*Repeatable: Noncredit*

**FPTC 420 - Basic Firefighter Training for New Recruits (0 units)**

*Non Credit • Total hours: 340-510 hours lecture; 340-510 hours lab*

This course is designed for students to develop their emergency response skills. Subjects include knowledge of firefighting, safety, SCBA and air management, hazards material, use of tools and equipment, fuel types and suppression methods, attack techniques, search and rescue, first aid, and CPR skills. Portions of instruction may be offered online; may also be offered fully online.

*Repeatable: Noncredit*