

FIRE PROTECTION (FIR)

Course Descriptions

FIR 113. Fire Prevention. 3 Credit Hours.

Fire Prevention provides fundamental knowledge relating to the field of fire prevention. Topics include: history and philosophy of fire prevention; organization and operation of a fire prevention bureau; use and application of codes and standards; plans review; fire inspections; fire and life safety education and fire investigation.

Prerequisites: Reading Proficiency

FIR 117. Occupational Safety and Health for Emergency Services. 3 Credit Hours.

Occupational Safety and Health for Emergency Services introduces the basic concepts of occupational health and safety as it relates to emergency services organizations. Topics include risk and hazard evaluation and control procedures for emergency service organizations.

Prerequisites: Reading Proficiency

FIR 214. Fire Behavior and Combustion. 3 Credit Hours.

Fire Behavior and Combustion explores the theories and fundamentals of how and why fires start, spread and are controlled.

Prerequisites: Reading Proficiency

FIR 215. Principles of Fire and Emergency Services Safety and Survival. 3 Credit Hours.

Principles of Fire and Emergency Services Safety and Survival introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency.

Prerequisites: Reading Proficiency

FIR 216. Principles of Fire and Emergency Services Administration. 3 Credit Hours.

Principles of Fire and Emergency Services Administration introduces the student to the organization and management of a fire and emergency services department and the relationship of government agencies to the fire service. Emphasis is placed on fire and emergency service, ethics and leadership from the perspective of the company officer.

Prerequisites: Reading Proficiency

FIR 217. Fire Investigation II. 3 Credit Hours.

Fire Investigation II provides the student with advanced technical knowledge on the rule of law, fire scene analysis, fire behavior, evidence collection and preservation, scene documentation, case preparation and court room testimony.

Prerequisites: FIR 116 with a minimum grade of "C" and Reading Proficiency

FIR 219. Hazardous Materials Chemistry. 3 Credit Hours.

Hazardous Materials Chemistry provides basic chemistry relating to the categories of hazardous materials including recognition, identification, reactivity and health hazards encountered by emergency services.

Prerequisites: Reading Proficiency