

FIR 111: Introduction to Fire Protection

This course provides an overview to fire protection and emergency services; career opportunities in fire protection and related fields; culture and history of emergency services; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives. Three class hours a week. (FESHE Approved)

Course Student Learning Outcomes

1. Illustrate and explain the history and culture of the fire service.
2. Analyze the basic components of fire as a chemical chain reaction, the major phases of fire, and examine the main factors that influence fire spread and behavior.
3. Differentiate between fire service training and education and explain the value of higher education to the professional fire service.
4. List and describe the major organizations that provide emergency response service and illustrate how they interrelate.
5. Identify fire protection and emergency-service careers in both the public and private sector.
6. Define the role of national, state, and local support organizations in fire and emergency services.
7. Discuss and describe the scope, purpose, and organizational structure of fire and emergency services.
8. Describe the common types of fire and emergency service facilities, equipment, and apparatus.
9. Compare and contrast effective management concepts for various emergency situations.

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1. Identify the primary responsibilities of fire prevention personnel including code enforcement, public information, and public and private protection systems.

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1. Recognize the components of career preparation and goal setting.

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1. Describe the importance of wellness and fitness as it relates to emergency services.

Credits: 3

Program: Fire Science