



## FIR 262: Fire & Emergency 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 behavior change throughout the emergency services. Three lecture hours per week. (FESHE Approved)

### Course Student Learning Outcomes

Students will be able to:

1. Define and describe the need for cultural and behavioral change within the emergency services relating to safety, incorporating leadership, supervision, accountability, and personal responsibility
2. Explain the need for enhancements of personal and organizational accountability for health and safety
3. Define how the concepts of risk management affect strategic and tactical decision making
4. Describe and evaluate circumstances that might constitute an unsafe act
5. Explain the concept of empowering all emergency services personnel to stop unsafe acts
6. Validate the need for national training standards as they correlate to professional development inclusive of qualifications, certifications, and re-certifications
7. Defend the need for annual medical evaluations and the establishment of physical fitness criteria for emergency services personnel throughout their careers
8. Explain the vital role of local departments in national research and data collection systems
9. Illustrate how technological advancements can produce higher levels of emergency services, safety, and survival

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1. Explain the importance of investigating all near-misses, injuries, and fatalities

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1. Discuss how incorporating the lessons learned from investigations can support cultural change throughout the emergency services

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1. Describe how obtaining grants can support safety and survival initiatives

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1. Formulate an awareness of how adopting standardized policies for responding to emergency scenes can minimize near-misses, injuries, and death

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1. Explain how the increase in violent incidences impacts safety for emergency services personnel when responding to emergency scenes

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1. Recognize the need for counseling and psychological support services for personnel and their families, and identify access to local resources and services

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1. Describe the importance of public education as a critical component of life safety programs

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1. Discuss the importance of fire sprinklers and code enforcement

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1. Discuss the importance of safety in the design of apparatus and equipment

**Credits:** 3

**Program:** Fire Science