

# Firefighter II (2014): Grades 10, 11, 12

Adopted 2014

## Fire Department Communications

1. Describe the components of on-scene communications. [A.1](#)
2. Describe the types of information gathered by post-incident reports. [A.2](#)
3. Create an incident report. [A.3](#)

## Building Construction

1. Explain the hazards related to a building's construction. [B.1](#)
2. Recognize the factors that influence the potential of a structural collapse. [B.2](#)

## Scene Lighting, Rescue Tools, Vehicle Extrication, and Technical Rescue

1. Inspect, service, and demonstrate procedures for maintaining generators and lighting equipment. [C.1](#)
2. Describe the types, uses, and limitations of rescue tools and equipment. [C.2](#)
3. Identify the role of a fire department during vehicle extrication. [C.3](#)
4. Describe safety considerations that must be identified and mitigated during vehicle extrication. [C.4](#)
5. Explain the use of cribbing material during vehicle extrication. [C.5](#)
6. Describe the methods used for gaining access to victims during vehicle extrication. [C.6](#)
7. Describe the role of the Firefighter II during various types of technical rescue operations. [C.7](#)
8. Explain the unique hazards associated with each type of technical rescue operation. [C.8](#)
9. Prevent movement of a vehicle using stabilization techniques.
  - Stabilize a vehicle using wheel chocks.
  - Stabilize a vehicle using cribbing.
  - Stabilize a vehicle using lifting jacks.
  - Stabilize a vehicle using ropes and webbing.
  - Stabilize a vehicle using a tension system.[C.9](#)

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**10. Remove and safely manage vehicle glass.**<ul><li>Remove a windshield.</li><li>Remove a tempered glass side window.</li></ul> C.10

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**11. Remove a vehicle roof and door.**<ul><li>Remove a door and roof from a vehicle.</li><li>Remove the roof from a vehicle on its side.</li></ul> C.11

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**12. Displace a vehicle dashboard.** C.12

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## Fire Hose

**1. Describe the safety considerations taken when service testing a fire hose.** D.1

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**2. Service test a fire hose.** D.2

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## Fire Streams

**1. Describe the methods by which firefighting foam prevents or controls a hazard.** E.1

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**2. Identify and explain foam concentrates and factors that impact selection.** E.2

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**3. Describe methods by which foam may be proportioned.** E.3

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**4. Explain the advantages and disadvantages of various foam proportioners, delivery devices, and generating systems.** E.4

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**5. Identify causes of poor foam production.** E.5

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**6. Perform various foam application techniques.** E.6

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**7. Extinguish a flammable liquid fire.** E.7

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## Fire Control

**1. Describe considerations taken when coordinating fireground operations.** F.1

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**2. Command, control, and coordinate a structure fire.** F.2

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**3. Discuss the process of establishing and transferring Command.** F.3

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**4. Describe hazards that may be present at fires in underground spaces.** F.4

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**5. List safety precautions to be taken at flammable/combustible liquid fire incidents.** F.5

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**6. Recognize methods used when coordinating operations at a property protected by a fire suppression system.** F.6

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**7. Explain ways to use water to control Class B fires.** F.7

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**8. Perform methods used to suppress bulk transport vehicle fires and flammable gas incidents.** F.8

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## Fire Origin and Cause Determination

**1. Describe evidence indicating the area of origin or fire cause.** G.1

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2. Explain the roles and responsibilities of responders and investigators involved in fire investigations. G.2
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3. Explain the legal implications of the location and collection of evidence during a fire investigation. G.3
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4. Protect evidence of fire cause and origin. G.4
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#### Fire Protection Systems

1. Describe fire alarm systems. H.1
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2. Identify alarm initiating devices. H.2
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3. Explain how automatic sprinkler systems work. H.3
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4. Describe standpipe and hose systems. H.4
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#### Fire And Life Safety Initiatives

1. Describe the role of a Firefighter II in planning for and conducting private dwelling fire safety surveys. I.1
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2. Explain the components and audience considerations when developing and giving a fire and life safety presentation. ( I.2
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3. Develop and give a fire and life safety presentation and fire station tour.<ul><li>Develop and give a fire and life safety presentation.</li><li>Conduct a fire station tour.</li></ul> I.3
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4. Prepare and conduct a pre-incident planning survey.<ul><li>Conduct a fire safety survey.</li><li>Prepare a pre-incident planning survey.</li></ul> I.4
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