

FFII Sessions – Synopsis by Session

Jones & Bartlett Curriculum Arrangement

SESSION 1

Chapters 1 & 2, History & Orientation of Fire Service; Fire Fighter Safety

3 hrs

In this lesson we will discuss the role of the Fire Fighter II within the organization, policies and procedures within your organization, national standards, state statutes, safety regulations & procedures that the authority having jurisdiction might use and enforce, and fire fighter accountability and rehabilitation. *NFPA*

1001, 6.1.1, 6.5.1.A

Chapters 3 & 36, Fire Service Communications; Fire Detection, Protection, and Suppression Systems

9 hrs.

This lesson will start out addressing fire detection systems, sprinkler systems, and suppression systems taking a look at the various types of sprinkler heads, wet vs. dry systems, activation methods, and detection systems. The second part of this lesson will take a look at fire service communications both in the station and in the field.

NFPA 1001, 6.2, 6.2.1, 6.2.26.5.3

SESSION 2

Chapter 4, Incident Command Systems

6 hrs

This chapter will discuss the responsibilities of the Fire Fighter II in assuming command, organizing and controlling an incident, transferring command, and performing assigned duties within the incident command system. We will review ICS terminology and procedures and then use that knowledge to develop command systems to control small to medium sized incidents.

NFPA 1001, 6.1.1,

6.1.2

Chapters 8, 9, & 11, Fire Fighter Tools & Equipment; Ropes & Knots; Forcible Entry

3 hrs

In this lesson we are looking at the Fire Fighter II responsibility to be able to assist special rescue teams such as confined space, high angle, or hazardous material teams. We will address special tools and needs for these teams and discuss how the FF II can help team members. Operation and maintenance of power plants, power tools, and documentation will be discussed.

6.3.2

Chapters 14 & 18, Ventilation; Salvage & Overhaul

3 hrs

Fire Fighter II individuals must be able to coordinate an interior attack team to safely and effectively accomplish assignments. Since one primary assignment of an interior team is ventilation we will discuss factors that affect ventilation. Also in this lesson we will continue our discussion on power tool operation and maintenance. *NFPA 1001, 6.3.2, 6.5.4*

SESSION 3

Chapters 16 & 21, Fire Hose Nozzles, Streams, and Foam; Fire Suppression

9 hrs

In Chapter 16, discussion will be on methods foam prevents or controls a hazard, understanding the difference between hydrocarbon and polar solvent fuels, how foam is produced and generated, expansion ratios, characteristics of Class A and Class B foams, application rates, proportioning methods and types of proportioners, handline foam nozzles, foam application methods, and the hazards associated with the use of foam. Participants will select the proper foam and nozzles for use on specific fire situations and then install and operate an in-line foam eductor and generate foam.

Chapter 21 will address issues such as suppressing Class B fires, signs and effects of BLEVE, methods of using water for a Class B fire attack, identifying tank contents, techniques for suppressing bulk transport vehicle fires, and the characteristics of natural gas and liquid petroleum gas. Participants will use water to control an ignitable liquid fire, control or extinguish a flammable gas cylinder fire, and determine what actions to take when dealing with specific Class B fire conditions.

NFPA 1001, 6.3 ,6.3.2, 6.3.3,6.3.1,

6.5.5

Chapters 19 & 22, Fire Fighter Rehabilitation; Preincident Planning

6 hrs

In the first section of this lesson we will address the factors, cause, and need for rehabilitation as well as revitalization. The second section will concentrate on the purpose and use of preincident analysis and examination of high hazard target areas. Lecture topics include personal traits and skills of personnel conducting fire safety surveys, equipment required to conduct fire safety surveys, the goals of pre-incident surveys, information provided from pre-incident surveys, standard map symbols and their meanings, and the objectives of an exit interview during a pre-incident survey. Participants will then perform a pre-incident survey, complete all related documentation including a field sketch, and then report on their findings.

NFPA 1001,

6.5, 6.5.3

SESSION 4

Chapter 25, Vehicle Rescue and Extrication

9 hrs

Vehicle accident size-up and stabilization, gaining access to vehicles, disentanglement, passenger restraint and protection systems, glass types and removal methods, and patient packaging will begin this lesson. Removing vehicle glass, doors, roofs, steering wheels and columns, and displacing dashboards are all operations that will be practiced. Six hours of this class are dedicated to hands-on skills development through vehicle extrication operations.

NFPA 1001, 6.4, 6.4.1

Chapter 26, Assisting Special Rescue Teams

3 hrs

This chapter concentrates on how the Fire Fighter II can assist special rescue teams at technical rescue incidents (TRI). Approaching the scene, stabilizing the incident, utility hazards, and making contact with the victim are skills that the FF II must understand in order to assist on TRI's such as confined space rescue, rope rescue, trench or building collapse, water & ice rescues, and hazardous materials incidents.

NFPA 1001,

6.4, 6.4.2

SESSION 5

Chapter 34, Terrorism Awareness

3 hrs

This chapter discusses the threat posed by terrorism and looks at identifying potential terrorist targets. The dangers of explosive devices, chemical & biological agents, and radiological incidents will all be examined.

There are no FF II requirements on this subject within NFPA 1001.

Chapters 35 & 37, Fire Prevention & Public Fire Education; Fire Cause Determination

6 hrs

The first part of this lesson addresses the topic of fire safety education through station tours, preincident planning, and performing safety surveys. We will then discuss issues regarding the responsibilities of a fire service investigator, securing the scene, legal considerations, and protecting and preserving evidence. The skills needed to protect fire cause and origin evidence and to assess the origins and causes of fires will be practiced.

NFPA 1001, 6.3.4, 6.5, 6.5.1, 6.5.2