

## **FFII Sessions – 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. *NFPA 1001, 6.4.2, 6.5.4, 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*

## **Fire Fighter II Course Sessions/Classes**

This section will list the respective classes per session that the Training Division uses for Fire Fighter II. Class descriptions are based on the nomenclature used in the 2<sup>nd</sup> Edition – Jones and Bartlett Fundamentals of Firefighting Skills. This information is available on the Training Division website at [www.nebraskasfmt.org](http://www.nebraskasfmt.org) as a download document.

### **Session 1**

*Class 1* – Chapter 1—History and Orientation of the Fire Service

Chapter 2—Fire Fighter Safety

*Class 2* – Chapter 3—Fire Service Communications

Chapter 36—Fire Detection, Protection, and Suppression Systems

*Class 3* – Chapter 3—Fire Service Communications

Chapter 36—Fire Detection, Protection, and Suppression Systems

*Class 4* – Chapter 3—Fire Service Communications

Chapter 36—Fire Detection, Protection, and Suppression Systems

### **Session 2**

*Class 1* – Chapter 4—Incident Command System

*Class 2* – Chapter 4—Incident Command System

*Class 3* – Chapter 8—Fire Fighter Tools and Equipment

Chapter 9—Ropes and Knots

Chapter 11—Forcible Entry

*Class 4* – Chapter 14—Ventilation

Chapter 18—Salvage and Overhaul

**Note:** Combo Course option applies to Classes 1 & 2, if past attendance in ICS course

### **Session 3**

*Class 1* – Chapter 16—Fire Hose, Nozzles, Streams, and Foam

Chapter 21—Fire Suppression

*Class 2* – Chapter 16—Fire Hose, Nozzles, Streams, and Foam

Chapter 21—Fire Suppression

*Class 3* – Chapter 16—Fire Hose, Nozzles, Streams, and Foam

Chapter 21—Fire Suppression

*Class 4* – Chapter 19—Fire Fighter Rehabilitation

Chapter 22—Preincident Planning

*Class 5* – Chapter 22—Preincident Planning

### **Session 4**

*Class 1* – Chapter 25—Vehicle Rescue and Extrication

*Class 2* – Chapter 25—Vehicle Rescue and Extrication

*Class 3* – Chapter 25—Vehicle Rescue and Extrication

*Class 4* – Chapter 26—Assisting Special Rescue Teams

Note: Combo course option applies to Classes 1-3, if past attendance in the VHEXT course

## **Session 5**

*Class 1* – Chapter 34 —Terrorism Awareness

*Class 2* – Chapter 35 —Fire Prevention and Public Education  
Chapter 37—Fire Cause Determination

*Class 3* – Chapter 35 —Fire Prevention and Public Education  
Chapter 37—Fire Cause Determination

*Class 4* – Review

**NOTE:** For this breakdown each class is considered to be approximately 3 hours in length. Individual course scheduling may allow any course to modify the agenda however, any modifications will maintain integrity of course allowing sufficient time to effectively cover all portions of NFPA 1001 regarding the Fire Fighter II level.

**Combo Courses** – Past course attendance is acceptable if the training occurred one year or less from the beginning date of the Fire Fighter II course; or if the course is scheduled as a stand-alone course and will be completed in one year or less from the last date of a scheduled class for the Fire Fighter II course.

Attending these courses within the FFII sessions does not provide the attendee with an additional certificate for the specialized courses presented by the Training Division. See previous information about the Combo Course option.