

# Program of Instruction

## Course Syllabus

**Course Title:** Hand Line Operations

**Course Duration:** 1:16 hours

**Program:** Fire Fighting

**Course Prerequisites:** The Hand Line Operations and Application class is designed for entry level or seasoned firefighters wanting to: learn, enhance or maintain basic skill levels of hand line operations.

**Course Description:** This 1:16 hour class is designed for the firefighter with any level of experience being that it is only a basic level course covering basic hand line operations. In this class the student will learn basic skills concerning many types of hose, hose deployment, and uses of hose in different situations. Upon successful completion of this class, the student should walk away with an increased level of basic firefighter competencies on this important subject.

**Course Requirements and/or Recommendations:** These can be divided into three categories: those completed prior to arriving in class (Pre-Course Work), those completed during class, such as homework assignments and quizzes (Course Work), and requirements completed after class but prior to receiving a certificate of completion. (Post-Course Work)

### Summary of Directions

Pre-Course Work: None

Course Work: Attend and participate in the course.

Post-Course Work: None

### **Course Policies:**

**Safety Policy:** Students shall understand and follow all instructions pertaining to operational safety, as stated by instructors or as written in course materials. Instructors and students shall be mindful of safety at all times. Conduct judged to be unsafe shall be grounds for dismissal from the course.

**Academic Integrity Policy:** IFSI has the responsibility for maintaining academic integrity so as to protect the quality of the education provided through its courses, and to protect those who depend upon our integrity. It is the responsibility of the student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions, and from conduct that aids others in such infractions. Any violation of the code of conduct is grounds for immediate dismissal from the course.

## **Course Content:**

### Module 1:

Title: Hose

#### Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate hose features of fire hose and appliances, as well as factors affecting their use.

### Module 2:

Title: Nozzles and Streams

#### Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate how to effectively use nozzles and fire streams during firefighting operations.

### Module 3:

Title: Fire Control

#### Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate different methods of fire stream application.

## **References:**

IFSTA, Essentials, 4th Edition

Delmar, Firefighter's Handbook, 3rd Edition

# Course Schedule

<b><u>Event</u></b>	<b><u>Duration</u></b>
Module 1 – Hose	1 hour
Drill 1.1 – Coupling and Uncoupling	45 minutes
Drill 1.2 – Extending a line with hose rolls and hose bundles	45 minutes
Drill 1.3 – Hose Rolls	3 hours
Drill 1.4 – Advance a 1 ¾” attack line	45 minutes
Drill 1.5 – Advance a 2 ½” attack line	45 minutes
Drill 1.6 – Accordion, Minuteman, Horseshoe	2 hours 15 minutes
Drill 1.7 – Triple Layer and Reverse Horseshoe	45 minutes
Drill 1.8 – Line-up a ladder	45 minutes
Drill 1.9 – Long Lead Outs	45 minutes
Module 2 – Nozzles and Fire Streams	1 hour
Drill 2.1 – Nozzle Operation and Fire Stream App.	45 minutes
Module 3 – Fire Control	1 hour
Drill 3.1 – Stream Application	1 hour
Drill 3.2 – Hose line up and down stairs	45 minutes