

# University of Illinois Fire Service Institute

## Course Syllabus

**Course Title:** Basic Truck Company Operations

**Course Duration:** 16 hours

**Program:** Cornerstone

**Course Prerequisites:** None

**Course Description:** The responsibilities of the first-in truck company will be discussed. Topics including the deploying, raising, and climbing of ladders will be covered. Additionally, forcible entry operations, controlling utilities, and ventilation will be included. Crew members of the first-in truck will need to be proficient working off ladders, performing ladder rescues, using tools off ladders, as well as roof ladder deployment. During this course, students will review tools available locally for forcible entry, ventilation, and overhaul skills and become familiar with their proper application. Rounding out instruction, participants will engage in tasks such as hoisting equipment and performing search and rescue tasks. All students will drill in these essential skills regardless of their respective department's equipment or lack thereof.

### **Course Requirements and/or Recommendations:**

Pre-Course Work— None  
Course Work— Attend and Participate  
Post-Course Work— None

### **Course Policies:**

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

**Academic Integrity Policy:** IFSI has the responsibility for maintaining academic integrity 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.

**American Disabilities Act:** As guaranteed in the Vocational Rehabilitation Act and the American Disabilities Act, if any student needs special accommodations, they are to notify their instructor and provide documentation as soon as possible

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so arrangements can be made to provide for the student's needs. If arrangements cannot be made at the class site, the student will test at an alternative time and place where the special accommodations can be made.

## **Course Content:**

Module: 1

Title: Forcible Entry

Terminal Learning Objective:

At the conclusion of this module, students will perform techniques for successful forcible entry operations by forcing entry in simulated evolutions.

Module: 2

Title: Ground Ladders

Terminal Learning Objective:

At the conclusion of this module, students will state the criteria for selecting ground ladders based upon a given situation.

Module: 3

Title: Search and Rescue

Terminal Learning Objective:

At the conclusion of this module, students will execute fire ground search strategies and tactics in simulated evolutions.

Module: 4

Title: Roof Operations

Terminal Learning Objective:

At the conclusion of this module, the student will perform ventilation operations in simulated evolutions.

Module: 5

Title: Overhaul

Terminal Learning Objective:

At the conclusion of this module, students will demonstrate effective overhaul techniques in simulated evolutions.

## **Reference List:**

Essentials of Firefighting / IFSTA, 7<sup>th</sup> Ed. 2018

Fire Officers Handbook of Tactics / Pennwell Publishing, 5<sup>th</sup> Ed. 2019

Fundamentals of Firefighting / Jones and Bartlett, 4<sup>th</sup> Ed. 2019

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## Course Schedule

<u>Event</u>	<u>Duration</u>
Module 1 - Forcible Entry	1 Hour
Drill 1.1 - Forcible Entry	1 Hour
Module 2 - Ground Ladders	1 Hour
Drill 2.1 - Ladder Carries	1 Hour
Drill 2.2 - Ladder Raises	1 Hour
Module 3 - Search and Rescue	1 Hour
Drill 3.1 - Search	1 Hour
Drill 3.2 - Vent Enter Search (VES)	1 Hour
Drill 3.3 - Civilian Drags and Carries	1 Hour
Drill 3.4 - Civilian Rescue - Stairs/Ladders	1 Hour
Module 4 - Roof Operations	1 Hour
Drill 4.1 - Chopping Prop- Hand Tools	1 Hour
Drill 4.2/4.3 - Flat Roof Prop- Hand Tools/Saw	1 Hour
Drill 4.4/4.5 - Pitched Roof Prop- Hand Tools/Saw	1 Hour
Module 5 - Overhaul	1 Hour
Drill 5.1 - Overhaul	1 Hour

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