

University of Illinois Fire Service Institute

Course Syllabus

Course Title: Truck Company Operations

Course Duration: 26 hours (3 days)

Program: Firefighting

Course Prerequisites: None

Course Description: This 3 day program is designed for firefighters seeking to improve their knowledge of truck company operations regardless if their department has an aerial apparatus. This course is ideal for firefighters assigned to a truck company.

Firefighters will learn the fundamental concepts of truck company operations, apparatus positioning, forcible entry, ground laddering considerations, VES, search strategies and tactics, victim removal procedures, ventilation, and overhaul operations. This course is intended for experienced firefighters with a minimum of three (3) years with a fire department.

Course Requirements:

Pre-Course Work – None

Course Work – Participate in all course lectures and practical exercises

Post-Course Work – None

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)

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.

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

Terminal Learning Objective:

At the conclusion of this module, students will recognize the various duties and responsibilities of Truck Company Operations during fire and emergency incidents.

Module: 2

Title: Apparatus Positioning

Terminal Learning Objective:

At the conclusion of this module, the student will identify various considerations when positioning aerial/platform type apparatus during fire and emergency incidents.

Module: 3

Title: Forcible Entry

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate techniques for successful forcible entry operations.

Module: 4

Title: Fire Ground Search Strategies & Tactics

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate how to perform fire ground search strategies and tactics.

Module: 5

Title: Vent Enter Search (VES)

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate how to perform VES of a fire building.

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Module: 6

Title: Removal Operations

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate the various methods used to remove a civilian fire victim.

Module: 7

Title: Ground Ladders

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate the importance of ladder selection, commands, and placement when working at a structure fire.

Module: 8

Title: Flat Roof Operations

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate vertical ventilation operations on a flat roof.

Module: 9

Title: Peak Roof Operations

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate vertical ventilation operations on a Peak roof.

Module: 10

Title: Overhaul

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate effective overhaul techniques.

Reference List:

Fundamentals of Firefighting / Jones and Bartlett, 3rd Ed. 2014
Essentials of Firefighting / IFSTA, 6th Ed. 2013

Fire Officers Handbook of Tactics / Pennwell Publishing, 4th Ed. 2012

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Course Schedule

DAY ONE

<u>Event</u>	<u>Duration</u>
Module 1: Truck Company Operations (51 Slides)	30 minutes
Module 2: Apparatus Positioning (71 Slides)	30 minutes
Module 3: Forcible Entry (46 Slides)	30 minutes
Drill 1.1 Conventional Forcible Entry	1 hour
Drill 1.2 Cutting through Security Barriers	1 hour
Drill 1.3 Forcible Entry - Garage Doors	1 hour
Lunch	
Module 4: Fire Ground Search Strategies & Tactics (72 Slides)	1 hour
Drill 1.5 Primary Search w/ TIC (Single Family)	1 hour
Drill 1.6 Primary Search (Tax Payer)	1 hour
Module 5: Vent Enter Search (VES) (No PowerPoint)	
Drill 1.7 Vent, Enter, Search (Street Scape)	1 hour
Drill 1.8 Search Profile (Class room)	30 minutes

DAY TWO

<u>Event</u>	<u>Duration</u>
Module 6 Removal Operations (No PowerPoint)	
Drill 2.1 Civilian Fire Victim Removal	1 hour
Drill 2.2 Tower Positioning	1 hour
Module 7 Ground Ladders (55 Slides)	30 minutes
Drill 2.3 One Man Raise w/ Extension and Tools	1 hour
Drill 2.4 One Man Raise/exc	1 hour
Lunch	
Module 8: Flat and Peak Roof Operations (74 Slides)	1 hour
Drill 2.5 Window Entry from Ground Ladder	1 hour
Drill 2.6 Flat Roof Operations w/ Saw	1 hour
Drill 2.7 Peak Roof Operations w/ Axe	1 hour

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DAY THREE

<u>Event</u>	<u>Duration</u>
Module 9: Loss Control (50 Slides)	30 minutes
Module 10: Scenarios	
3.1 (Single Family)	2 hours
3.2 (Taxpayer)	2 hours
3.3 (Green Cans)	2 hours
3.4 (Street Scape)	2 hours
