

University of Illinois Fire Service Institute

Course Syllabus

Course Title: Fireground Company Officer School

Course Duration: 50 Hours

Program: Firefighting

Course Prerequisites: Basic Operations Firefighter Certification or Firefighter II Certification

Course Description: This class is designed to help company officers gain the knowledge and practical skills required to effectively lead a fire company. Classroom discussions of leadership, responsibilities, and tactics will be coupled with four days of demonstrations and hands-on practice of directing live-fire evolutions. Each student will take the role of a company officer. Afterwards, each evolution will be critiqued by their fellow students and instructors.

Course Requirements:

Pre-Course Work – None

Course Work – Attend all lectures and participate in exercises.

Post-Course Work – None

Course Policies:

Attendance Policy: IFSI requires students to attend (100%) or make up all course content that leads to certification. Students are expected to attend on time and to remain in class for the duration of the course. Students **MUST COMPLETE** all portions of a certification course, both classroom and practical, to be eligible to receive their certification.

If a student misses any portion of class with an accumulated absence of 20% or less of scheduled class time, it will be the student's responsibility to arrange the make-up of the missed course content with the instructor(s) or program manager. The student must make up the specific course content that s/he missed, not just the hours. Make-ups are limited to 20% of scheduled class time. Make-ups must be documented on the class roster. If a student's absence is greater than 20% refer to "True Emergences" section of the IFSI Examination Policy.

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.

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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.

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.

Evaluation Strategy: Simulated rescue evaluations involving various rescue problems are conducted throughout the course.

Course Content:

Module: 1

Title: Leadership

Terminal Learning Objective:

At the conclusion of this module, the student will identify significant factors that influence behavior and decision making.

Module: 2

Title: Engine Company Operations

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate an organized, coordinated, safe, and efficient plan of operation for the confinement and extinguishment of fires.

Module: 3

Title: Truck Operations

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate an organized, coordinated, safe, and efficient plan of operation to support the overall incident objectives.

Module: 4

Title: WMD

Terminal Learning Objective:

At the conclusion of this module, the student will summarize the considerations for a WMD incident.

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Module: 5

Title: Firefighter LODD

Terminal Learning Objective:

At the conclusion of this module, the student will describe techniques firefighters use to prevent firefighter casualties.

Module: 6

Title: Standpipe Equipped Buildings

Terminal Learning Objective:

At the conclusion of this module, the student will operate incident command systems and fire attack in a standpipe equipped building.

Module: 7

Title: Basement Fires

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate how to perform command functions and fire attack at a basement fire.

Module: 8

Title: Managing multiple alarms

Terminal Learning Objective:

At the conclusion of this module, the student will operate in an incident command system managing multiple alarms.

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Reference List:

Current and Past NIOSH Reports

Emergency Response to Terrorism Basic Concepts-Student Manual FEMA 2002

National Fire Protection Association Standards 1021 *Standard for Fire Officer Qualifications* (2020)

National Fire Protection Association Standards 1001 *Standard for Fire Fighter Professional Qualifications* (2022)

National Fire Protection Association Standards 1404 *Standard for Fire Service Respiratory Protection Training* (2018)

National Fire Protection Association Standards 1407 *Standard for Fire Service Rapid Intervention Crews* (2020)

National Fire Protection Association Standards 1500 *Standard on Fire Department Occupational Safety and Health Program* (2021)

National Fire Protection Association Standards 1561 *Standard on Emergency Services Incident Management System* (2020)

National Fire Protection Association Standards 1981 *Standard on Open- Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services* (2019)

National Fire Protection Association Standards 1983 *Standard on Life Safety and Equipment for Emergency Services* (2017)

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Course Schedule

DAY ONE

<u>Event</u>	<u>Duration</u>
Welcome	20 minutes
Module 1 – Leadership	2 hours
Module 2 – Engine Operations	1 hour 30 minutes
Module 3 – Truck Operations	1 hour
Module 4 – WMD	20 minutes
Lunch	
Drill 2.1 – Lead outs	1 hour 20 minutes
Drill 3.1 – Search	1 hour 20 minutes
Drill 3.2 – Forcible Entry	1 hour 20 minutes
Scenarios 1.1 – 1.3 – Residential Fire Scenario	1 hour
Final critique and safety debrief	1 hour

DAY TWO

<u>Event</u>	<u>Duration</u>
Morning Roll Call – Rig Checks, quick drill	1 hour
Discussion 5.1 – LODD Review	30 minutes
<i>Live Fire Drills</i>	
Scenario 2 – Multifamily residence	1 hour 20 minutes
Scenario 3 – Taxpayer	1 hour 20 minutes
Scenario 4 – 2 story single family	1 hour 20 minutes
Lunch	
<i>Live Fire Drills</i>	
Scenario 5 – Multifamily residence	1 hour 30 minutes
Scenario 6 – Multifamily residence	1 hour 30 minutes
Scenario 7 – Exterior fire w/ extension	1 hour 30 minutes
Final critique and safety debrief	1 hour

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DAY THREE

<u>Event</u>	<u>Duration</u>
Morning Roll Call – Rig Checks, quick drill	1 hour
Discussion 5.2 – LODD Review	30 minutes
Drill 6.1 – Standpipe Operations	1 hour 15 minutes
<i>Live fire drills</i>	
Scenario 8 – 2-story Standpipe Operations	1 hour 15 minutes
Scenario 9 – High Rise Standpipe Operations	1 hour 15 minutes
Scenario 10 – Mixed occupancy Standpipe Ops	1 hour 15 minutes
Lunch	
<i>Live fire drills</i>	
Scenario 11 – Multiple alarm fire (All Hands)	3 hour 30 minutes
Final critique and safety debrief	1 hour

DAY FOUR

<u>Event</u>	<u>Duration</u>
Morning Roll Call – Rig Checks, quick drill	1 hour
Discussion 5.3 – LODD Review	30 minutes
Discussion 7.1 – Basement Fires	1 hour
<i>Live fire drills</i>	
Scenario 12 – Basement Fire - Mixed occupancy	1 hour 15 minutes
Scenario 13 – Basement Fire - Residential	1 hour 15 minutes
Lunch	
<i>Live fire drills</i>	
Scenario 14 – Multiple Alarm - Residential	2 hours 30 minutes
Scenario 15 – Multiple Alarm - Mixed Occupancy	2 hours 30 minutes
Final critique and safety debrief	1 hour

DAY FIVE

<u>Event</u>	<u>Duration</u>
Scenario 16 – Final Scenario	6 hours