

University of Illinois Fire Service Institute

Course Syllabus

Course Title: Fireground Command Officer School

Course Duration: 50 Hours

Program: Firefighting

Course Prerequisites: Basic Operations Firefighter Certification or Firefighter II Certification

Course Description: This five-day class is designed to help command officers gain the knowledge and practical skills required to effectively direct multiple companies at a fire. 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 command officer. Afterwards, each evolution will be critiqued by their fellow students and instructors. First priority will be given to applicants who are in a Command Officer position on their department, officers who act in a Command role will be given second priority, and any other opening will be given to the remaining applicants on a first come-first serve basis.

Course Requirements:

Pre-Course Work – None

Course Work – Participate in all lectures and scenarios.

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.

University of Illinois Fire Service Institute

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.

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: WMD

Terminal Learning Objective:

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

Module: 3

Title: Incident Command

Terminal Learning Objective:

At the conclusion of this module, the student will explain the principles of an Incident Command System, and how command affects firefighter safety, stability of the incident and conservation, of property.

University of Illinois Fire Service Institute

Module: 4

Title: Command Board/ Tactical Worksheets

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate the tracking tools to assist with firefighter accountability.

Module: 5

Title: Roll Call

Terminal Learning Objective:

At the conclusion of this module, the student will identify ways to start the day maximizing their members' performance.

Module: 6

Title: Firefighter Casualties

Terminal Learning Objective:

At the conclusion of this module, the student will describe how to manage firefighter casualties and methods to prevent them from occurring.

Module: 7

Title: Standpipe Equipped Buildings

Terminal Learning Objective:

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

Module: 8

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: 9

Title: Managing Multiple Alarms

Terminal Learning Objective:

At the conclusion of this module, the student will understand incident command system for managing multiple alarm incidents.

University of Illinois Fire Service Institute

Reference List:

Current and Past NIOSH Reports

Emergency Response to Terrorism Basic Concepts-Student Manual FEMA 2002

National Fire Protection Association Standards 1010 *Standard on Professional Qualifications for Firefighters* (2024)

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

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)

University of Illinois Fire Service Institute

Course Schedule

DAY ONE

<u>Event</u>	<u>Duration</u>
Welcome	20 minutes
Module 1 – Leadership	2 hours
Discussion 1.1 – Command Self-Evaluation	2 hours 20 minutes
Module 2 – WMD	20 minutes
Lunch	
Module 3 – Incident Command and	
Module 4 – Command Board/ Tactical Worksheets	2 hours
Drill 4.1 – Plans Drill (<i>Radio Drill</i>)	1 hour 30 minutes
<i>Tabletop – Radio and Fire Simulator</i>	
Drill 3.1 – Fire Response Tabletops	1 hour 30 minutes
Final critique and safety debrief	1 hour

DAY TWO

<u>Event</u>	<u>Duration</u>
Morning Roll Call – Rig Checks, quick drill	30 minutes
Drill 5.1 – Chief Message	30 minutes
Discussion 6.1 – LODD Review	30 minutes
Discussion 6.2 - OSHA & LODD	2 hours
Drill 6.1 – RIT Script Drill W/ fire simulator	2 hours
Lunch	
<i>Live Fire Drills</i>	
Scenario 1 – Multifamily residence	1 hour 30 minutes
Scenario 2 – Multifamily residence	1 hour 30 minutes
Scenario 3 – Exterior fire w/ extension	1 hour 30 minutes
Final critique and safety debrief	1 hour

University of Illinois Fire Service Institute

DAY THREE

<u>Event</u>	<u>Duration</u>
Morning Roll Call – Rig Checks, quick drill	30 minutes
Drill 5.1 – Chief Message	30 minutes
Discussion 6.1 – LODD Review	30 minutes
Drill 7.1 – Standpipe Operations	1 hour 15 minutes
<i>Live fire drills</i>	
Scenario 4 – 2-story Standpipe Operations	1 hour 15 minutes
Scenario 5 – High Rise Standpipe Operations	1 hour 15 minutes
Scenario 6 – Mixed occupancy Standpipe Ops	1 hour 15 minutes
Lunch	
<i>Live fire drills</i>	
Scenario 7 – 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	30 minutes
Drill 5.1 – Chief Message	30 minutes
Discussion 6.1 – LODD Review	30 minutes
Discussion 8.1 – Basement Fires	1 hour
<i>Live fire drills</i>	
Scenario 8 – Basement Fire - Mixed occupancy	1 hour 15 minutes
Scenario 9 – Basement Fire - Residential	1 hour 15 minutes
Lunch	
<i>Live fire drills</i>	
Scenario 10 – Multiple Alarm - Residential	2 hours 30 minutes
Scenario 11 – Multiple Alarm - Mixed Occupancy	2 hours 30 minutes
Final critique and safety debrief	1 hour

DAY FIVE

<u>Event</u>	<u>Duration</u>
Scenario 12 – Final Scenario	6 hours