

# University of Illinois Fire Service Institute

## Course Syllabus

**Course Title:** All-Hazards Safety Officer (L 0954)

**Course Duration:** 38 hours

**Program:** Homeland Security

**Course Prerequisites:** IS 100, IS 200, ICS 300, ICS 400, IS 700, IS 800

**Course Description:** Before the 9/11 attacks, ICS training was exercised nearly exclusively on fire-based incidents. Recognizing the applicability and sincere need for NIMS principles across incident response disciplines, an “all-hazards” approach to training will be embraced in this course.

With an “all-hazards” approach, this course will focus on how a Safety Officer (SOFR) needs to fundamentally possess the same core knowledge, skills, and abilities whether they are responding to a fire, an oil spill, a mass-casualty incident, or another incident. In other words, regardless of the hazard, discipline, or incident, the essential job of a Safety Officer is the same.

This course uses lecture, discussion, student participation, and activities to focus on understanding the behaviors, duties, responsibilities, and capabilities of an effective Safety Officer on a Type 3 All Hazards Incident Management Team (AHIMT).

The intended audience(s) Federal, state, tribal, and/or local level emergency responders who may be designated as a Safety Officer on their local or state Incident Management Team. The materials were developed with the assumption that audience members may have little or no actual experience as a member of an AHIMT.

The audience may include students from a variety of agencies and functional disciplines, including fire service, law enforcement, emergency management, public works departments, as well as public health organizations, medical emergency teams, and hospitals.

National Incident Management System (NIMS) Incident Command System (ICS) specific training should be completed by personnel who are regularly assigned to function on a Type III AHIMT or by those persons who desire to seek credentials/certification in those positions.

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## Course Requirements and/or Recommendations:

Pre-Course Work –

- None

Course Work –

- Participate in class discussion, activities and in group activities and exercises
- Complete unit quizzes
- Achieve 75% or higher on the final quiz

Post-Course Work –

- None

## Required Textbook:

E/L 0954 NIMS ICS All-Hazards Safety Officer Course, October 2019, Version 1.0

This will be provided to the student on Day 1 of the class (digital version).

## 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.

**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:** Students will be evaluated with an end of course quiz.

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## Course Content:

### Unit: 1

Title: Course Introduction

Terminal Learning Objective: Upon completion of this unit, students will be able to identify course objectives and position-specific resource materials for the position of Safety Officer.

### Unit: 2

Title: Rules, Regulations, and Standards

Terminal Learning Objective: Upon completion of this unit, students will be able to explain the OSHA regulations and NFPA standards to response operations.

### Unit: 3

Title: Overview of the Safety Officer's Role

Terminal Learning Objective: Upon completion of this unit, students will be able to explain the role and responsibilities of the Safety Officer in assuming the position and creating an attitude of safety during an incident.

### Unit: 4

Title: Obtaining Incident Safety Information

Terminal Learning Objective: Upon completion of this unit, students will be able to identify the information that the Safety Officer must obtain when beginning work on an incident and potential source for obtaining that information.

### Unit: 5

Title: Identifying Hazards and Risks

Terminal Learning Objective: Upon completion of this unit, students will be able to contrast between a hazard and a safety risk.

### Unit: 6

Title: Prioritize and Manage Hazards and Risks

Terminal Learning Objective: Upon completion of this unit, students will be able to identify techniques used to prioritize hazards for mitigation as well as several types of mitigation and accident preventions.

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Unit: 7

Title: Incident Action Plan Safety Analysis

Terminal Learning Objective: Upon completion of this unit, students will be able to develop an ICS Form 215a Incident Action Plan Safety Analysis given a scenario.

Unit: 8

Title: Site Safety and Control Plan

Terminal Learning Objective: Upon completion of this unit, students will be able to create an ICS Form 208HM, Site Safety and Control Plan.

Unit: 9

Title: Incident Safety Plan

Terminal Learning Objective: Upon completion of this unit, students will be able to apply multiple methods of communicating safety risks and mitigations through the Incident Safety Plan, Assistant Safety Officers, Safety Messages, and Safety Briefings.

Unit: 10

Title: Coordination with the Logistics Section

Terminal Learning Objective: Upon completion of this unit, students will be able to explain the Safety Officer's interactions with the Logistics Section (and its various sub-units) to ensure that personnel needs are safely met.

Unit: 11

Title: Operations and General Health and Welfare

Terminal Learning Objective: Upon completion of this unit, students will be able to identify common unsafe actions, operations, situations, and safety risks during an incident.

Unit: 12

Title: Special Situations

Terminal Learning Objectives: Upon completion of this unit, students will be able to explain the Safety Officer's responsibility in managing accidents and special situations that may occur during an incident.

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Unit: 13

Title: Demobilization and Closeout

Terminal Learning Objective: Upon completion of this unit, students will be able to explain the Safety Officer's role in disbanding the Safety Unit during incident Demobilization and Closeout.

## Reference List:

All-Hazards Safety Officer Position Task Book

Emergency Responder Field Operations Guide, October 2010

National Incident Management System (NIMS), October 2017

The ICS 420-1 Field Operations Guide available from the US Fire Academy:  
[https://www.usfa.fema.gov/downloads/pdf/publications/field\\_operations\\_guide.pdf](https://www.usfa.fema.gov/downloads/pdf/publications/field_operations_guide.pdf)

The "Redbook 2018 Interagency Standards for Fire and Fire Aviation Operations" from the National Interagency Fire Center

The US Coast Guard "Incident Management Handbook":  
[https://www.atlanticarea.uscg.mil/Portals/7/Ninth%20District/Documents/USCG\\_IMH\\_2014\\_COMDTPUB\\_P3120.17B.pdf?ver=2017-06-14-122531-930](https://www.atlanticarea.uscg.mil/Portals/7/Ninth%20District/Documents/USCG_IMH_2014_COMDTPUB_P3120.17B.pdf?ver=2017-06-14-122531-930)

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## Course Schedule

### DAY ONE

Unit 1	Course Introduction	2 Hours 30 Minutes
Unit 2	Rules, Regulations and Standards	1 Hour
<b>Lunch</b>		
Unit 3	Overview of the Safety Officer's Role	1 Hour 30 Minutes
Unit 4	Obtaining Incident Safety Information	2 Hours 30 Minutes
Review		30 Minutes

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### DAY TWO

Unit 5	Identifying Hazards and Risks	2 Hours 30 Minutes
Unit 6	Prioritize and Manage Hazards and Risks	1 Hour
<b>Lunch</b>		
Unit 6 Cont'd	Prioritize and Manage Hazards Hazards and Risks	2 Hours 30 Minutes
Unit 7	Incident Action Plan Safety Analysis	1 Hour 30 Minutes
Review		30 Minutes

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### DAY THREE

Unit 7 Cont'd	Incident Action Plan Safety Analysis	1 Hours 30 Minutes
Unit 8	Site Safety and Control Plan	2 Hours
<b>Lunch</b>		
Unit 9	Incident Safety Plan	2 Hours 30 Minutes
Unit 10	Coordination with Logistics Section	1 Hour 30 Minutes
Review		30 Minutes

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## Day 4

Unit 10	Coordination with Logistics Section	2 Hours
Unit 11	Operations and General Health and Welfare	1 Hour 30 Minutes
<b>Lunch</b>		
Unit 11 Cont'd	Operations and General Health and Welfare	2 Hours
Unit 12	Special Situations	2 Hours
Review		30 Minutes

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## Day 5

Unit 12 Cont'd	Special Situations	1 Hour 15 Minutes
Unit 13	Demobilization and Closeout	2 Hours 15 Minutes
<b>Lunch</b>		
Unit 13 Cont'd	Course Expectations Review	45 Minutes
	Final Quiz	1 Hour
	Review of Final Quiz	45 Minutes