

Program of Instruction

Course Syllabus

Course Title: Fire Department Incident Safety Officer

Course Duration: 40 hours

Program: Fire Officer Program

Recommended Course Prerequisites:

- Fire Officer 1
- Strategy and Tactics II
- Technical Rescue Awareness
- Hazardous Materials Operations

Course Description: The goal of this course is to prepare students whom will be designated by an incident commander (IC) as the incident safety officer (ISO). This course will teach students how to monitor the various types of incidents including, Fire, EMS, Technical Rescue, and Hazardous Materials scenes, and report to the IC the status of conditions, hazards, and risks present. This course will also cover accident investigation and review procedures as well as how to develop and participate in an post-incident analysis.

Course Requirements:

- Attend 40 hour course, miss no more than 4 hours
- Participate in all class activities and complete all assignments
- Pass Final Exam with 70% or better

Course Policies:

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.

Grading Policy: Decisions regarding certificates of course completion shall be made solely by the lead instructor of the course. All grading of exams shall be conducted by qualified instructors. All grading of practical exercises shall be based upon the standards set by the regulatory agency referenced in the course material and IFSI.

Attendance Policy: You must not miss more than 4 hours of class time.

Content Outline:

Module: 1

Title: Incident Safety Officer Duties and Responsibilities

Module: 2

Title: Incident Scene Safety

Module: 3

Title: Fire Suppression

Module: 4

Title: Emergency Medical Services Operations

Module: 5

Title: Hazardous Materials Operations

Module: 6

Title: Special Operations

Module: 7

Title: Incident Safety Officer's Role in Training

Module: 8

Title: Accident Investigation and Review

Module: 9

Title: Post Incident Analysis

Evaluation Strategy:

Written exam is given at the completion of the course to test the learner's knowledge.

Recommended Reading:

David W. Dodson, Fire Department Incident Safety Officer, 2nd Edition
Delmar, Cengage Learning, 2007

Fire Department Incident Safety Officer, International Fire Service Training
Association (IFSTA) 1st Edition, 2001

Reference List:

Office of the State Fire Marshal, Incident Safety Officer Instructor Reference
Manual

National Fire Protection Association

NFPA 472, Standard for Competence of Responders to Hazardous Materials

NFPA 1006, Standard for Rescue Technician Professional Qualifications

NFPA 1021, Standard for Fire Officer Professional Qualifications

NFPA 1403, Standard for Live Fire Training Evolutions

NFPA 1500, Standard on Occupational Health and Safety Program

NFPA 1521, Standard for Fire Department Safety Officer

NFPA 1561, Standard for Incident Management System

NFPA 1581, Standard on Infection Control Program

Occupational Safety and Health Administration

29 CFR 1910.120 – Hazardous Waste Operations & Emergency Response

29 CFR 1910.134 – Respiratory Protection

29 CFR 1910.146 – Permit Required Confined Spaces

29 CFR 1910.147 – The Control of Hazardous Energy

29 CFR 1910.1030 – Blood Borne Pathogens

29 CFR 1910.1200 – Hazard Communication

29 CFR 1910.1926 – Excavations, Trenching Operations

Course Schedule

DAY ONE

| <u>Event</u> | <u>Duration</u> |
|--|-----------------|
| Module 1 – Duties and Responsibilities | 2 hours |
| Module 2 – Incident Scene Safety | 2 hours |
| Lunch | |
| Module 2 – Incident Scene Safety | 4 hours |

DAY TWO

| <u>Event</u> | <u>Duration</u> |
|---------------------------------------|-----------------|
| Module 3 – Fire Suppression | 4 hours |
| Lunch | |
| Module 3 – Fire Suppression | 2 hours |
| Module 4 – Emergency Medical Services | 2 hours |

DAY THREE

| <u>Event</u> | <u>Duration</u> |
|---|-----------------|
| Module 5 – Hazardous Materials Operations | 4 hours |
| Lunch | |
| Module 6 – Special Operations | 4 hours |

DAY FOUR

| <u>Event</u> | <u>Duration</u> |
|--|------------------------|
| Module 7 – ISO's Role in Training | 1 hours |
| Module 8 – Accident Investigation & Review | 3 hours |
| Lunch | |
| Module 9 – Post Incident Analysis | 3 hours |
| Course Review | 1 hour |

DAY FIVE

| <u>Event</u> | <u>Duration</u> |
|--|------------------------|
| Group Presentations | 4 hours |
| Lunch | |
| Final Group Exercise | 2 hours |
| Course Summary Closing Comments – CEQ | 1 hour |
| Final Exam | 1 hour |