

Program of Instruction

Course Syllabus

Course Title: Responder Intervention Team - Basics

Course Duration: 16 hours

Program: Cornerstone

Course Description: This Cornerstone version introduces students to the basics of Responder Intervention Team (RIT) operations and tactical and strategic operations related to downed firefighters. Discussion covers firefighter case studies, RIT tools, staging, RASP, size up, accountability, equipment demonstrations, victim extrication/disentanglement, and managing the "Mayday." Preventive or proactive methods of avoiding situations where fire fighters are trapped are highlighted. Practical reactive techniques or mitigation of a downed responder are demonstrated and practiced as a part of this "hands on" class.

Course Requirements and/or Recommendations: 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)

Summary of Directions

Pre-Course Work: None

Course Work: Attend and participate in all lectures and practicals.

Post-Course Work: None

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.

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

Course Content:

Module: 1

Title: Firefighter Fatality Statistics

Terminal Learning Objectives:

At the conclusion of this module, the student will *identify* significant factors that contributed to the firefighter(s) death.

Module: 2

Title: Size up

Terminal Learning Objectives:

At the conclusion of this module, the student will explain the principles of size-up, and how it may affect firefighter safety.

Module: 3

Title: Initiating the MAYDAY & Disorientation

Terminal Learning Objective:

At the conclusion of this module, the student will describe methods used for firefighter survival.

Module: 4

Title: SCBA

Terminal Learning Objective:

At the conclusion of this module, the student will *demonstrate* methods for mitigating an SCBA emergency.

Module: 5

Title: Entanglement

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate methods used for firefighter survival.

Module: 6

Title: Entrapment

Terminal Learning Objective:

At the conclusion of this module, the student will describe methods used for firefighter survival during entrapment.

Module: 7

Title: RIT Strategies and Techniques

Terminal Learning Objective:

At the conclusion of this module, the student will *demonstrate* strategies and techniques used by a Responder Intervention Team.

Module: 8

Title: Search

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate the different types of searches.

Module: 9

Title: Firefighter Removal

Terminal Learning Objective:

At the conclusion of this module, the student will *demonstrate* the proper techniques for removing a firefighter.

Module: 10

Title: ICS

Terminal Learning Objective:

At the conclusion of this module, the student will be able to *identify* and explain the components of the Incident Command System.

Reference List:

- Firefighter Rescue and Survival, Kolomay & Hoff (2003)
National Fire Protection Association Standards 1001 *Standard for Fire Fighter Professional Qualifications* (2008)
National Fire Protection Association Standards 1404 *Standard for Fire Service Respiratory Protection Training* (2006)
National Fire Protection Association Standards 1407 *Standard for Fire Service Rapid Intervention Crews* (2010)
National Fire Protection Association Standards 1500 *Standard on Fire Department Occupational Safety and Health Program* (2008)
National Fire Protection Association Standards 1561 *Standard on Emergency Services Incident Management System* (2008)
National Fire Protection Association Standards 1981 *Standard on Open- Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services* (2007)
National Fire Protection Association Standards 1983 *Standard on Life Safety and Equipment for Emergency Services* (2006)
Current and Past NIOSH Reports
United States Army Corps of Engineers: *Urban Search and Rescue Structures Specialist Field Operations Guide*
Emergency Response to Terrorism Basic Concepts-Student Manual FEMA 2002

Course Schedule

DAY ONE

<u>Event</u>	<u>Duration</u>
Module 1 – Firefighter Fatality Statistics	20 minutes
Module 2 – Size up	1 hour
Module 3 – Initiating the MAYDAY & Disorientation	1 hour 40 minutes
Drill 3.1 – Initiating a MAYDAY & Disorientation	1 hour
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Module 4 - SCBA	15 minutes
Drill 4.1 – SCBA Emergencies	15 minutes
Drill 4.2 – Buddy Breathing	1 hour
Module 5 - Entanglement	30 minutes
Module 6 – Entrapment	30 minutes
Module 7 – RIT Strategies & Techniques	
Drill 7.1 – Approach of the Down Firefighter and SCBA removal	15 minutes
Drill 7.2 – RIT Pack Familiarization	15 minutes
Drill 7.3 – Lifting and Stabilization	1 hour
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Module 8 – Search	
Drill 8.1 – Rope Assisted Search Procedures	20 minutes
Drill 8.2 – Missing Firefighter	1 hour
Module 9 – Firefighter Removal	
Drill 9.1 – Drags and Carries	

(Firefighter WITH SCBA removal via ground ladder)	1 hour
Drill 9.2 – Drags and Carries (One and Two Firefighter Drags)	40 minutes
Drill 9.3 – Drags and Carries (Removal via Stairs)	1 hour
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Module 10 – ICS	30 minutes
Scenario – Ground Ladder Entry/Exit for Firefighter Removal	1 hour 45 minutes
Scenario – Firefighter Removal While Locating an Alternate Exit	1 hour 45 minutes