

# Program of Instruction

## Course Syllabus

**Course Title:** Hazardous Materials Technician: Recon & Science Refresher

**Course Duration:** 8 Hours

**Program:** Special Operations Training Program

**Course Prerequisites:** Hazardous Materials Technician

**Course Description:** Special Operations Training Program Refresher Courses provide hands on training at the technician level. Participants will have the opportunity to refresh critical skills through classroom review, drills and/or scenario exercises. This course will review the concepts of information and intelligence gathering, as well as performing recon of hazmat and other rescue scenarios.

**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 class activities.

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.

## Course Content:

### Module: Recon and Science Refresher

1. Interpret hazard and response information given by the current edition of the *Emergency Response Guidebook*; other printed resources; electronic resources; MSDS; CHEMTREC; local, state, and federal authorities; and the shipper/manufacturer.
2. Identify two ways in which a MSDS may be obtained in an emergency.
3. Identify ways to verify information obtained from different hazard and response information resources.
4. Identify the steps necessary to perform a rapid, accurate initial recon of a hazardous materials incident.
5. Identify the steps necessary to perform an accurate and timely recon of a large scale, multi-agency incident working with other rescue teams.
6. Demonstrate performing a rapid, accurate initial recon of a hazardous materials incident.

## Class Schedule

Introductions, who's who, teams represented, equipment, etc.	30 minutes
Intel & Science Lecture, MSDS & SDS, and Activity	1 hour 30 minutes
Science Forms for commonly seen products	2 hours
<b>Lunch</b>	
Recon Lecture – What to look for, Recon vs. Operations	1 hour
Recon Scenarios (Tabletops, Sand Tables)	2 hours
Clean up, Wrap up, CEQ's, Go Home	1 hour