

Program of Instruction

Course Syllabus

Course Title: Hazardous Materials Technician: Monitoring 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 covers a review of standard and MABAS issued monitoring equipment, common monitoring techniques, and field maintenance and testing procedures.

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: Monitoring Refresher

1. Identify types of monitoring technology that is available to the hazardous materials technician.
2. Identify the capabilities and limiting factors associated with the selection and use of specialized monitoring equipment available to the hazardous materials technician.
3. Describe common tactics used when performing atmospheric monitoring.
4. Describe the process of monitoring an unknown atmosphere.
5. Demonstrate the correct use of specialized monitoring equipment available to the hazardous materials technician.
6. Demonstrate the field maintenance and testing procedures for specialized monitoring equipment available to the hazardous materials technician.

Class Schedule

Introductions, who's who, teams represented, equipment, etc.	30 minutes
Monitoring Review (part 1- Intro to PIDs)	1 hour
Monitoring Review (part 2 – Colormetric to HHA)	30 minutes
Impacts to Monitoring	30 minutes
Review of Meter Operations – Team Equipment	1 hour
Lunch	
Practical Exercises	3 hours 30 minutes
Clean up, Wrap up, CEQ's, Go Home	1 hour