

<u>TABLE OF CONTENTS</u>	<u>PAGE</u>
Regional Team Demonstrations and Class	3
Haz Mat IQ	4
Is Something Out There?	5
Blowing Up Can Ruin Your Whole Day	6
472 Hazardous Materials Technician Refresher # 1	7
Hazardous Materials Awareness Operational/ WMD Train-the-Trainer	7
Incident Command for Emergency Medical Services	7-8
Haz-Mat IQ	8
Cameo/Marplot/ALOHA	8
Decision-Making in Chemical Warfare Agent (CWA) Response	9
Basic and HazMat Metering	10
Level B/C for Law Enforcement & EMS	10
472 Hazardous Materials Technician Refresher # 2	11
Advanced HazMat Life Support	11
Department of Environment Protection and the First Responder	12
Registration Website Instruction	13

Monday Oct 19	Tuesday Oct 20	Wednesday Oct 21	Thursday Oct 22	Friday Oct 23
CRHMRT Region 3 - Display	FCHIRT Region 1 Display	CERRIT – Region 4 - Display	NHASH – Region 2 - Display	NWRHzMT Region 5 Display
CRHMRT – Meters	FCHIRT A,B,C Kits	CERRIT – Decontamination	CAMEO	NWRHzMT PPE
Haz Mat IQ	Haz Mat IQ	CAMEO	Myths and Misconceptions of PPE - Intro to NFPA 1990 Standards	
Is there something out there?	CAMEO	Civil Support Team – Decontamination Display	Mercury Spill Detection and Response	
Blowing up can ruin your whole day!	Decision- making in Chemical Warfare Agent (CWA) Response	Basic and Advanced Meters for First Responders	472 Technician Refresher #2	472 Technician Refresher #2
472 Technician Refresher #1	472 Technician Refresher #1	Awareness Operational /WMD 472-2008 Train the Trainer	Awareness / Operational / WMD 472- 2008 Train the Trainer	
Awareness Operational WMD 472- 2008 Train the Trainer	Awareness Operational WMD 472- 2008 Train the Trainer	Level B / C's for Law Enforcement and EMS	Advanced Hazardous Materials Life Support – Paramedics	Advanced Hazardous Materials Life Support – Paramedics
ICS for EMS	ICS for EMS			DEP and the First Responder

Hazardous Materials courses provided by the Commission on Fire Prevention and Control are delivered with assistance from the United States Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

Haz Mat IQ

Course # 10118 Date: October 19 Time: 0830-1630 Fee: NC

The **HazMat IQ “Above the line/Below the Line” 4-Step System** is a revolutionary set of Smart Charts that enables first responders to make immediate hazard risk assessments based on chemical names. By demystifying chemistry and streamlining the process of risk assessment, HazMat IQ focuses solely on the need-to-know information that helps to mitigate all kinds of HazMat emergencies.

The proprietary **HazMat IQ** is a risk-based response system that guides the responder through a user friendly, straight forward 4-step process:

- Step #1** Revolutionary ten-second “Chemical Size-Up”
- Step #2** Streamlined chemical hazard research
- Step #3** Appropriate meter(s) selection
- Step #4** Choice of proper protective equipment

Approximately 8 hours

Is Something Out There?

Course # 10117 Date: October 19 Time: 1300-1430 Fee: NC

After oxygen, flammability and your basic electrochemical toxic sensors, survey sensors are one of your best tools to quickly identify if something is out there. On their own, survey sensors will not tell you what that “something” is, but they can often quickly tell you where it is coming from and give you a quick idea of how much is there. Coupled with clues (like placards, waybills, etc.) that provide identification of a chemical some survey sensors (PIDs & FIDs) can quickly tell you how much is there. Instructor Chris Wrenn

Target Audience

- Municipal HazMat Teams
- Industrial HazMat Teams
- Safety & Hygiene Professionals
- Military chemical response teams
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Presentation Learning Objectives

- How do PIDs work and how to best use them
- How do FIDs work and how to best use them
- How do MOS sensors work and how to best use them

Course Outline

- PID
 - What is a PID?
 - PID uses in HazMat
 - The Power of Correction Factors
 - Setting PID alarms/interpreting PID output
 - Integrating PIDs into HazMat decision making
 - Review of specific PID applications
 - Tips for Using and Maintaining PIDs
- FID
- MOS

Approximately 1.5 Hours

Blowing Up Can Ruin Your Whole Day

Course # 10114 Date: October 19 Time: 1500-1630 Fee: NC

Combustible gases and vapors are one of the most common gaseous threats for HazMat responders. However, many responders don't fully understand how their combustible gas sensors operate and what their limitations are. This course will discuss the operation and limitations of Wheatstone bridge catalytic bead LEL sensors, infrared combustible sensors, thermal conductivity combustible gas sensors, dilution fittings and even using Photoionization Detectors (PIDs) for assessing combustible environments. It will help you understand when to trust and use each technology. Instructor Chris Wrenn

Target Audience

- Municipal HazMat Teams
- Industrial HazMat Teams
- Safety & Hygiene Professionals
- Military chemical response teams

Presentation Learning Objectives

- Understand how the most common combustible gas sensors work
- Understand the limitations of "catalytic bead" sensors
- Understand why there may be a difference between calibration gas and measurement gas
- Understand options that can be used for measuring combustible gases and vapors

Course Outline

- Wheatstone bridge catalytic bead
- Response, calibration & correction factors
- Poisons
- High range flammability
- Dilution
- Thermal conductivity
- Non-dispersive infrared (NDIR)
- Photoionization Detector (PID)
- Which technology should I trust

Approximately 1.5 Hours

472 Hazardous Materials Technician Refresher # 1

Course # 10110 Date: October 19 & 20 Time: 0830-1630 Fee: NC

The purpose of this course is to provide a Two Day, Hands-on refresher training for existing Hazardous Materials Technicians. The class will have a short review of the updated NFPA 472 – 2008 standard to explain the changes to the requirements. The rest of the program is centered around a start to finish scenario based incident which will include APIET, determine product, identify proper suit and DECON, mitigation, Decontamination and Evaluation. Student needs to bring SCBA with spare bottle...

Approximately 16 hours

Hazardous Materials Awareness / Operational / WMD Train the Trainer

Course # 10111 Date: October 19, 20, 21 & 23 Time: 0830-1630 Fee: NC

This course is the Train the Trainer for the Revised Awareness / Operational / WMD based on the NFPA 472-2008 Standard. Course includes the Disk with Power Points / Lesson Plan, additional Documents and charts to assist the instructor prepare. This class is now a National Certification Course required prior to Firefighter I under NFPA 1001.

Approximately 32 hours

ICS for EMS

Course # 10112 Date: October 19 & 20 Time: 0830-1630 Fee: NC

Incident Command for Emergency Medical Services

This course is designed to be an introductory/orientation course for EMS personnel who are beginning to use NIMS ICS, or as a refresher. It is equivalent to ICS-100 and ICS-200, and was designed to provide basic ICS tools and skills. The course includes information up to the Multi-casualty Branch level of incident. Other courses offered by the U.S. Fire Administration cover more complex ICS concepts and procedures, including Incident Management Teams (IMT's). This course is designed to teach the implementation of ICS in day-to-day EMS operations and is not meant to be a high-level ICS course for public health emergencies, mass casualty incidents, or other EMS Incidents of National Significance.

- I. Course overview
 - A. This course introduces basic concepts of incident management and the Incident Command System (ICS).
 - B. It provides a basis for application of ICS to a variety of incidents--an all-hazards approach.

Continued on page 8

- Day 1: The ICS in general.
- II. Introduces functions and applications of ICS.
- Day 2: Development of the Multi-Casualty Incident (MCI) Branch.
- C. Includes practical exercises applying ICS to multi-casualty/patient incidents.
- D. Units on both Day 1 and Day 2 contain activities that reinforce the material discussed.

Approximately 16 hours

HazMat IQ

Course # 10113 Date: October 20 Time: 0830-1630 Fee: NC

The **HazMat IQ “Above the line/Below the Line” 4-Step System** is a revolutionary set of Smart Charts that enables first responders to make immediate hazard risk assessments based on chemical names. By demystifying chemistry and streamlining the process of risk assessment, HazMat IQ focuses solely on the need-to-know information that helps to mitigate all kinds of HazMat emergencies.

The proprietary **HazMat IQ** is a risk-based response system that guides the responder through a user friendly, straight forward 4-step process:

- Step #1** Revolutionary ten-second “Chemical Size-Up”
- Step #2** Streamlined chemical hazard research
- Step #3** Appropriate meter(s) selection
- Step #4** Choice of proper protective equipment

Approximately 8 hours

CAMEO / MARPLOT / ALOHA

Course # 10115 Date: October 20, 21, 22 Time: 0830-1630 Fee: NC

This performance-level course provides training on the fundamental elements of the CAMEO Suite of programs as they relate to emergency situations. As such, it includes detailed technical information and hands-on practice of critical elements of the CAMEOfm system and its associated programs (ALOHA, MARPLOT, LandView, and Tier II Submit). To better understand how the programs interface, participants are provided opportunities to practice key procedures that allow users to enhance planning and response activities associated with community risks. These exercises clarify the connections between the programs and how they can enhance emergency planning and response activities. Presented by LSU Instructor....

Approximately 24 hours

Decision-Making in Chemical Warfare Agent (CWA) Response

Course # 10116 Date: October 20 Time: 0830-1200 Fee: NC

Presentation Summary: This course educates responders about CWAs, what they are, where they come from and the various clues we can use to identify their presence and act accordingly. CWA response is a three step process using location techniques, classification techniques and identification technologies. In this course responders will learn how to properly layer these techniques to quickly make effective decisions. This course will include a hands-on scenario based practical session using real instruments. Instructor Chris Wrenn

Target Audience

- Municipal HazMat Teams
- Military chemical response teams
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Presentation Learning Objectives

- Understand the nature of CWAs, there is no such thing as “Nerve Gas”
- Understand all of the clues and techniques for locating, classifying and identifying CWAs
- Know how to pull all of the clues together to effectively decide if you have a CWA incident or not

Course Outline

- Why is gas detection important?
- Get to know CWAs?
- CWA Location
- CWA Classification
- CWA Identification
- Integrating CWA Detection Techniques to come to a decision
- Hands-on session

Approximately 3 hours with hands-on session.

Basic and HazMat Metering

Course # 10119 Date: October 21 Time: 0830-1630 Fee: NC

The Basic Metering Package supplied to most communities, including the Scott Scout 4-Gas, the MiniRae PID, the Ludlum Model 3 and the SAIC personal dosimeter will be covered in the first module. The HAZMAT Meter Package including the APD2000, the M256A1 kit and the Drager CMS/CDS kits will be covered in the second module. Participants will understand the dual metering approach and conversion factors that are needed to be performed when monitoring atmospheres that are different from the calibration gas. This program will provide the user with an overview of the Basic Metering Package and Hazmat Metering Package that allows them to use these tools as part of their everyday response. To allow more hands-on experience participants are urged to bring their fully charged and calibrated meters, providing their department can support the meters being out of service for the duration of the class.

Approximately 8 hours

Fire Marshal credit: 8

Level B/C for Law Enforcement & EMS

Course # 10120 Date: October 21 Time: 0830-1630 Fee: NC

This course is designed to instruct the Law Enforcement and EMS First responders in the donning and doffing of Level B / C Suits. The proper procedures for decontamination and the limitations as responders while in the suits. Students are encouraged to bring individual SCBA and/or gas mask...

Approximately 8 hours

472 Hazardous Materials Technician Refresher # 2

Course # 10121 Date: October 22 & 23 Time: 0830-1630 Fee: NC

The purpose of this course is to provide a Two Day, Hands-on refresher training for existing Hazardous Materials Technicians. The class will have a short review of the updated NFPA 472 – 2008 standard to explain the changes to the requirements. The rest of the program is centered around a start to finish scenario based incident which will include APIET, determine product, identify proper suit and DECON, mitigation, Decontamination and Evaluation. Student needs to bring SCBA with spare bottle...

Approximately 16 hours

Advanced Haz Mat Life Support

Course # 10122 Date: October 22 & 23 Time: 0830-1630 Fee: NC

AHLS Provider Course

The Advanced Hazmat Life Support (AHLS) **Provider** program is a 16 hour, two-day course that gives health professionals a timely and effective response strategy in the medical management of hazmat incidents. Participants will receive a four-year verification status upon successful completion of the course. This course covers a vast array of hazardous materials, including pesticides, corrosives, toxic inhalants and chemical, biological, radiological and nuclear agents. The **AHLS Provider** course trains the participant to:

- Rapidly assess hazmat patients
- Recognize toxic syndromes (toxidromes)
- Apply the poisoning treatment paradigm
- Identify and administer specific antidotes

To view a detailed syllabus of the course: [AHLS Provider](#)

Non-medical course participants can attend the course, but will not become verified. Students may register through: www.ct.gov/cfpc

Students will still need to register with www.AHLS.org to take the required pre-test. Look under ICS / Terrorism / WMD for the AHLS listing at the CFA.

Tuition will be covered by Department of Emergency Management and Homeland Security grant.... Approximately 16 hours

**Department of Environmental Protection
And The First Responder**

Course # 10129 Date: October 23 Time: 0830-1630 Fee: NC

Presentation Summary:

The Department of Environmental Protection will present a class on the capabilities and availability of their department. What does the DEP have to offer? Believe us, it is a lot. They will also explain what is expected of the First Responder, because the DEP has arrived does not mean you are not needed or wanted, it takes a team to make things happen

Approximately 8 hours.

Registration Website Instructions

**You can only register for these courses online at
www.ct.gov/cfpc.**

To register for one of these courses go to the Commission on Fire Prevention and Control Connecticut Fire Academy website at www.ct.gov/cfpc and click on the LOGIN which is located 2/3 of the way down on the left hand side of the page. This will take you to the site access page.

If you have registered a USER ID and PASSWORD on another occasion, you can enter that information and continue to register for the course.

If you do not have a USER ID and PASSWORD, click on the Register button, which will take you to the CFPC Subscription Registration page. Fill out the registration page and submit the information by clicking the SUBMIT button at the bottom of the page. (Make sure to take note of the USER ID and PASSWORD that you chose for use at a future time.) This will take you to the subscribe to e-alerts page, choose the categories if any, you wish to be notified of and click subscribe at the bottom of the page. You will then be sent to the Account Registration Acceptance page which states you may now log in to the CFPC web site. Click the hypertext Log in to the CFPC. Return to the site access page input your new USER ID and PASSWORD and click the login button. This will take you to the welcome page with additional information. You can scroll down to hypertext that will allow you to return to the main page. Register for the course that you wish to attend.