



**Domestic Preparedness Equipment
Training Assistance Program (DPETAP)**

DPETAP Course Catalog

August 2009



**Homeland
Security**



**This catalog was developed jointly by Pine Bluff Arsenal and GP in support of the
Department of Homeland Security,
Federal Emergency Management Agency.**

Comments concerning this catalog should be addressed to:

**DPETAP Information Officer
GP/PBA
PO Box 20308
Pine Bluff, AR 71612**

or

dpetapoutreach@gpworldwide.com



TABLE OF CONTENTS

| | |
|--|----|
| INTRODUCTION | i |
| DETECTION TECHNOLOGY AND SURVEY COURSES | 1 |
| WMD00 – Introduction to WMD-Related Hazardous Materials Substances and Symptoms | 1 |
| WMD01 – WMD Detection Technologies..... | 2 |
| AWMD01 – Advanced WMD Materials and Detection Technologies..... | 3 |
| AWMD02 – Advanced Radiological Survey Techniques | 4 |
| DETECTION EQUIPMENT OPERATION AND MAINTENANCE COURSES | 5 |
| DEQ01 – O&M of the Draeger Civil Defense System (CDS) | 5 |
| DEQ02 – O&M of the Photo Ionization Detection (PID) MiniRAE Plus | 6 |
| DEQ03 – O&M of the Ludlum 2241-2 Emergency [Radiological] Response Kit | 7 |
| DEQ04 – O&M of the Chemical Detector (APD 2000®) | 8 |
| DEQ05 – O&M of the Chemical Agent Detector SAW MiniCAD mkII | 9 |
| DEQ06 – Use of Chemical Agent Detection Materials – M8, M9, and M256A1 Kit | 10 |
| DEQ07 – O&M of the CAM Chemical Agent Monitor | 11 |
| DEQ08 – O&M of the Photo Ionization Detector (PID) Passport PID II | 12 |
| DEQ09 – O&M of the Multi-Gas Meter Passport FiveStar Alarm..... | 13 |
| DEQ11 – O&M of the MultiRAE Plus Multi-Gas Meter w/PID | 14 |
| DEQ12 – O&M of the Photo Ionization Detector (PID) MiniRAE 2000 | 15 |
| DEQ13 – O&M of the HazMatCAD Plus | 16 |
| DEQ14 – O&M of the Draeger Chip Measurement System (CMS) | 17 |
| DEQ15 – O&M of the M18A3 Chemical Agent Detection Kit | 18 |
| DEQ16 – O&M of the Ludlum Model 3 Emergency [Radiological] Response Kit | 19 |
| DEQ17 – O&M of the Radiation Pager - S..... | 20 |
| DEQ18 – O&M of the ToxiRAE Plus Photo Ionization Detector (PID) | 21 |
| DEQ19 – O&M of the 451B Ionization Chamber Survey Meter | 22 |
| DEQ20 – MultiRAE Plus for Operators | 23 |
| DEQ21 – O&M of the Guardian Bio-Threat Alert (BTA) System | 24 |
| DEQ22 – O&M of the Thermo Electron FH 41 B Multi-Purpose Radiation Meter | 25 |
| DEQ23 – O&M of the Thermo Electron FH 40 G Dose Rate Measuring Unit..... | 26 |
| DEQ24 – Use of Biological Agent Detection Materials – BioAssay (SMART II) Tickets | 27 |
| DEQ25 – O&M of the Photo Ionization Detector (PID) MiniRAE Plus Classic..... | 28 |
| DEQ26 – O&M of the Fourier Transform Infrared (FTIR) Spectrometer HazMatID | 29 |
| DEQ27 – O&M of the Industrial Scientific iTX Multi-Gas Monitor | 30 |
| DEQ28 – O&M of the RAMP (Rapid Analyte Measurement Platform) Biodefense System..... | 31 |
| DEQ29 – O&M of the Q-RAE Four Gas Meter..... | 32 |
| DEQ30 – O&M of the Ludlum Model 14C Emergency [Radiological] Response Kit..... | 33 |
| DEQ31 – O&M of the Mine Safety Appliance (MSA) Sirius Multi-Gas w/PID Meter | 34 |
| DEQ32 – O&M of the Canberra UltraRadiac UDR-13 | 35 |
| DEQ33 – O&M of the Smiths Technologies Hand-Held Detector for Explosives, Chemical Agents, Toxic Industrial Chemicals, and Narcotics Sabre 4000 | 36 |



DEQ34 – O&M of the Rae Systems Photo Ionization Detector (PID) MiniRae 3000 37

DEQ35 – O&M of the Draeger Clandestine Lab Simultest Kit 38

DEQ36 – O&M of the Draeger Haz- Mat Simultest Kit..... 39

DEQ37 – O&M of the Industrial Scientific M-40 Multi-Gas Monitor..... 40

DEQ38 – O&M of the Mine Safety Appliance (MSA) Orion Multi-Gas Detector 41

DEQ39 – O&M of the Rae Systems AreaRae PGM- 5020 42

DEQ40 – O&M of the MGP Instruments DMC 2000 Personal Electronic Dosimeter..... 43

DEQ41 – O&M of the Jerome 431-X Mercury Vapor Analyzer 44

DEQ42 – O&M of the Ahura First Defender..... 45

DEQ43 – O&M of the Rae Systems QRAE Plus Four Gas Monitor..... 46

TABLETOP PRACTICAL EXERCISES 47

MASS CASUALTY DECONTAMINATION..... 48

PERSONAL PROTECTIVE EQUIPMENT (PPE)..... 49

HOSPITAL MASS CASUALTY PATIENT DECONTAMINATION..... 51

PERSONAL PROTECTIVE EQUIPMENT (PPE) FOR LAW ENFORCEMENT 52

 What is Training Assistance?..... 53

 What is a TAV? 53

 How does a jurisdiction request a TAV? 53

 What is required for a jurisdiction to host? 53

 Frequently Asked Questions 54

 Examples of TAV Schedules..... 55



INTRODUCTION

Domestic Preparedness Equipment Training Assistance Program (DPETAP) – Overview

The purpose of the Domestic Preparedness Equipment Training Assistance Program (DPETAP) is to provide onsite training to assist emergency responders nationwide to better choose, operate, and maintain their chemical, biological, radiological, nuclear, and explosive (CBRNE) detection and response equipment. DPETAP Mobile Training Assistance teams provide detailed technical information and hands-on equipment operation and maintenance training to enhance the operational readiness of the jurisdiction. DPETAP currently offers 56 courses that range from 1 to 16-hours in length, including 4 courses in CBRNE Detection Technologies, 42 courses in Detection Equipment Operation and Maintenance (O&M), 2 courses in WMD Mass Casualty Personnel Decontamination, 2 courses in WMD Personal Protective Equipment (PPE), 1 course in Hospital Mass Casualty Patient Decontamination, and 7 Tabletop Practical Exercises.

Target Audience: Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

LEVEL THREE: On-Site Workshops

DPETAP currently offers more than 56 courses and exercises that range from 1 to 16 hours in length. A certificate is issued for each course completed. The training includes operation, maintenance, calibration, and equipment decontamination procedures, as required. The training contact hours provided are dependent on the courses requested. The scheduling is also based on the jurisdictional needs. Minimum student numbers are required.

CBRNE Detection Technologies

Four courses are currently being offered under CBRNE Detection Technologies. Three of the four courses are detection technologies courses and are designed to train “apprentice through journeyman”, from beginners having no prior knowledge of CBRNE-related technologies to the veteran responders in need of refresher training. These courses are, in most cases, pre-requisites to ensure student understanding of all aspects of the detection equipment or procedure being taught. Each of these courses can be requested to supplement any of the chosen programs; however, WMD01, WMD Detection Technologies, is a pre-requisite for all training assistance visits that include detection equipment or Mass Casualty Decontamination classes.

Requests for Personal Protective Equipment training must include WMD00, Introduction to WMD-Related Hazardous Materials – Substances and Symptoms. The four Detection Technologies courses include: Introduction to WMD-related Hazardous Material—Substances and Symptoms, which is a basic course that provides a foundation for those unfamiliar with the “WMD Delta” of hazardous materials. The Intermediate and Advanced courses primarily cover WMD detection technologies; the types of equipment that employ these technologies; the capabilities and limitations of these technologies; and the CBRNE material that can be detected. The Radiation Detection Survey Techniques course provides extensive hands-on practical experience in laying out grids, conducting surveys, and datalogging.



Operation and Maintenance (O&M) Courses

The 43 hands-on courses range from one to four hours in length. These courses provide in-depth instruction on the theory of operation for the various pieces of equipment to allow a higher level of evaluation in using this equipment in an actual event. The courses cover the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance of CBRNE detection equipment. If applicable, the courses cover programming options for equipment as well.

These courses provide an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The courses include follow-on resources to reinforce how this equipment will be used for incidents of WMD or in the day-to-day routine of the first responder.

Response Equipment Courses

The five, one- to two-day, exercise-based courses cover the practical use of personal protective equipment, mass casualty personnel decontamination, and hospital mass casualty patient decontamination to include safety, principles, criteria, equipment, and considerations. All of these courses (with the exception of the one-day personal protective equipment course) conclude with a scenario-based exercise to allow the students and jurisdictions to identify areas requiring further attention and consideration.

Tabletop Practical Exercises

There are currently seven exercise scenarios employed. These timed practical exercises present students with a variety of potential CBRNE event scenarios that require teams to evaluate the conditions, determine the technology that will be effective, decide on the types of detection equipment to be used in each situation, describe how they would employ the equipment selected, and present their findings to the entire class. These scenarios are presented to check for student understanding of the previously presented materials and to allow the student to demonstrate the proper use of the technologies presented. A “Hot wash” and group discussions follow student team presentations. These discussions allow the jurisdictions to become more fully aware of the areas that require improvement within their local organizations.

National Preparedness Goal Mapping

Mission Areas: Prevent, Protect, Respond, Recover.

National Priorities: Strengthen CBRNE Detection, Response, and Decontamination capabilities; Strengthen Medical Surge and Mass Prophylaxis capabilities.

Target Capabilities: Planning, WMD Hazardous Incident Response and Decontamination; Explosive Device Response Operations; Public Safety and Security Response; Firefighting Operations/Support; Isolation and Quarantine; Mass Prophylaxis.



DETECTION TECHNOLOGY AND SURVEY COURSES

WMD00 – Introduction to WMD-Related Hazardous Materials Substances and Symptoms

Course Provider: Domestic Preparedness Equipment
Training Assistance Program (DPETAP)
Course Length: 4.0 hours
Course Delivery: Mobile Training
Course Level: Awareness
CEUs: 0.0

Course Description

This 4-hour course is designed to provide a basic understanding of the chemical, biological and radiological/nuclear materials associated with WMD as well as the signs and symptoms of exposure. This course will give the responders the tools to effectively recognize the indications of a WMD or terrorism incident and the signs and symptoms of exposure to the threats. This course is intended as a refresher for personnel having prior knowledge of WMD-related hazardous materials.

Course Objectives

- At the end of this course, participants will be able to:
1. Discuss WMD, Terrorism and the acronym CBRNE
 2. Discuss the various threats associated with CBRNE
 3. Recognize the symptoms and the outward indicators of an attack

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



WMD01 – WMD Detection Technologies

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 4.0 hours
Course Delivery: Mobile Training
Course Level: Awareness
CEUs: 0.0

Course Description

This 4-hour course covers detection technologies primarily associated with the term "Weapons of Mass Destruction (WMD)"; the capabilities and limitations of these technologies; the types of equipment that employ these technologies; and the CBRNE -- chemical, biological, radiological, nuclear, and explosive materials that can be detected.

Course Objectives

At the end of this course, participants will be able to:

1. Discuss WMD, Terrorism and the acronym CBRNE
2. Discuss the various threats associated with CBRNE
3. Recognize the symptoms and the outward indicators of an attack

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



AWMD01 – Advanced WMD Materials and Detection Technologies

Course Provider: Domestic Preparedness Equipment
Training Assistance Program (DPETAP)
Course Length: 8.0 hours
Course Delivery: Mobile Training
Course Level: Awareness
CEUs: 0.0

Course Description

This 8-hour course is an in-depth study of WMD-related chemical and biological substances that can be detected as well as the signs and symptoms of exposure.

Course Objectives

- At the end of this course, participants will be able to:
1. Discuss WMD, Terrorism and the acronym CBRNE
 2. Discuss the various threats associated with CBRNE
 3. Recognize the symptoms and the outward indicators of an attack

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



AWMD02 – Advanced Radiological Survey Techniques

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)

Course Length: 16.0 hours

Course Delivery: Mobile Training

Course Level: Awareness

CEUs: 0.0

Course Description

This 16-hour course, developed by experienced health physicists, provides in-depth study of the proper conduct of sites contaminated by nuclear/radiological material. The curriculum includes hands-on practice with radiological survey meters.

Course Objectives

At the end of this course, participants will be able to:

1. Discuss WMD, Terrorism and the acronym CBRNE
2. Discuss the various threats associated with CBRNE
3. Recognize the symptoms and the outward indicators of an attack

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



GP File Photo 1



DETECTION EQUIPMENT OPERATION AND MAINTENANCE COURSES

DEQ01 – O&M of the Draeger Civil Defense System (CDS)

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 2.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 2

Course Description

This course provides in-depth instruction on the theory of operation for the Draeger Civil Defense System (CDS) to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ02 – O&M of the Photo Ionization Detection (PID) MiniRAE Plus

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 2.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0

Course Description

This course provides in-depth instruction on the theory of operation for the Photo Ionization Detection (PID) MiniRAE Plus to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



RAE Systems Photo 1



DEQ03 – O&M of the Ludlum 2241-2 Emergency [Radiological] Response Kit

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 2.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 4

Course Description

This course provides in-depth instruction on the theory of operation for the Ludlum 2241-2 Emergency [Radiological] Response Kit to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ04 – O&M of the Chemical Detector (APD 2000®)

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 5

Course Description

This course provides in-depth instruction on the theory of operation for the Chemical Detector (APD 2000®) to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well. This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ05 – O&M of the Chemical Agent Detector SAW MiniCAD mkII

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 2.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



MicroSensor Systems Photo 1

Course Description

This course provides in-depth instruction on the theory of operation for the Chemical Agent Detector SAW MiniCAD mkII to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ06 – Use of Chemical Agent Detection Materials – M8, M9, and M256A1 Kit

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 1.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 6

Course Description

This course provides in-depth instruction on the theory of operation for the Chemical Agent Detection Materials – M8, M9, and M256A1 Kit to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well. This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations



GP File Photo 7

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion

**DEQ07 – O&M of the CAM Chemical Agent Monitor**

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0

**Smith's Detection Photo 1****Course Description**

This course provides in-depth instruction on the theory of operation for the Smiths CAM Chemical Agent Monitor (w/Plus S/W) to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion

**DEQ08 – O&M of the Photo Ionization Detector (PID) Passport PID II**

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 8

Course Description

This course provides in-depth instruction on the theory of operation for the MSAs Photo Ionization Detector (PID) Passport PID II to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ09 – O&M of the Multi-Gas Meter Passport FiveStar Alarm

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 9

Course Description

This course provides in-depth instruction on the theory of operation for the MSA's Multi-Gas Meter, the Passport FiveStar Alarm Five-Gas Monitor to allow a higher level of evaluation in using this equipment in

an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ11 – O&M of the MultiRAE Plus Multi-Gas Meter w/PID

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 4.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



RAE Systems Photo 2

Course Description

This course provides in-depth instruction on the theory of operation for the RAE System’s Multi-Gas Meter with Photo Ionization Detector (PID) to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ12 – O&M of the Photo Ionization Detector (PID) MiniRAE 2000

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0

Course Description

This course provides in-depth instruction on the theory of operation for the RAE Systems' MiniRAE 2000 PID to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well. This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



GP File Photo 10



DEQ13 – O&M of the HazMatCAD Plus

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 2.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 11

Course Description

This course provides in-depth instruction on the theory of operation for the Microsensor Systems' HazMatCAD Plus to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well. This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ14 – O&M of the Draeger Chip Measurement System (CMS)

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 2.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 12

Course Description

This course provides in-depth instruction on the theory of operation for the Draeger CMS to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ15 – O&M of the M18A3 Chemical Agent Detection Kit

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 13

Course Description

This course provides in-depth instruction on the theory of operation for Truetech's M18A3 Chemical Agent Detector Kit to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ16 – O&M of the Ludlum Model 3 Emergency [Radiological] Response Kit

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 4.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 14

Course Description

This course provides in-depth instruction on the theory of operation for the Ludlum Measurements' Model 3 Response Kit (including the Model 3 Analog Ratemeter, the Model 44-2 NaI Gamma Scintillator, and Model 44-9 Pancake Geiger-Muller Detector) to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ17 – O&M of the Radiation Pager - S

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 1.0 hour
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 15

Course Description

This course provides in-depth instruction on the theory of operation for the Sensor Technology Engineering, Inc.'s Radiation Pager - S to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ18 – O&M of the ToxiRAE Plus Photo Ionization Detector (PID)

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 16

Course Description

This course provides in-depth instruction on the theory of operation for the RAE System’s ToxiRAE Plus PID to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ19 – O&M of the 451B Ionization Chamber Survey Meter

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 17

Course Description

This course provides in-depth instruction on the theory of operation for Invision’s 451B Ionization Chamber Survey Meter to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion

DEQ20 – MultiRAE Plus for Operators

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



RAE Systems Photo 3

Course Description

This course provides in-depth instruction on the theory of operation for the MultiRAE Plus for Operators to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ21 – O&M of the Guardian Bio-Threat Alert (BTA) System

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 18

Course Description

This course provides in-depth instruction on the theory of operation for the Guardian Bio-Threat Alert (BTA) System to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.



GP File Photo 19

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ22 – O&M of the Thermo Electron FH 41 B Multi-Purpose Radiation Meter

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 2.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 20

Course Description

This course provides in-depth instruction on the theory of operation for the Thermo Electron’s FH 41 B Multi-Purpose Radiation Meter to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ23 – O&M of the Thermo Electron FH 40 G Dose Rate Measuring Unit

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 4.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



Cardinal Health Photo 1

Course Description

This course provides in-depth instruction on the theory of operation for the Thermo Electron’s FH 40 G Dose Rate Measuring Unit to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion

**DEQ24 – Use of Biological Agent Detection Materials – BioAssay (SMART II) Tickets**

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 1.0 hour
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 21

Course Description

This course provides in-depth instruction on the theory of operation for New Horizons' newest Sensitive Membrane Antigen Rapid Test (SMART II) Tickets to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ25 – O&M of the Photo Ionization Detector (PID) MiniRAE Plus Classic

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0

Course Description

This course provides in-depth instruction on the theory of operation for the RAE Systems' MiniRAE Plus Classic PID (including datalogging capabilities) to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



GP File Photo 22



DEQ26 – O&M of the Fourier Transform Infrared (FTIR) Spectrometer HazMatID

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 23

Course Description

This course provides in-depth instruction on the theory of operation for the Smiths Detection Hazardous Materials Identifier HazMatID to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ27 – O&M of the Industrial Scientific iTX Multi-Gas Monitor

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



Industrial Scientific Photo 1

Course Description

This course provides in-depth instruction on the theory of operation for the Industrial Scientifics - iTX Multi-Gas Monitor to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ28 – O&M of the RAMP (Rapid Analyte Measurement Platform) Biodefense System

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



Response Biomedical Photo 1

Course Description

This course provides in-depth instruction on the theory of operation for the Response BioMedical's RAMP Biodefense System to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ29 – O&M of the Q-RAE Four Gas Meter

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



RAE Systems Photo 4

Course Description

This course provides in-depth instruction on the theory of operation for the RAE System's Q-Rae Four Gas Meter to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well. This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ30 – O&M of the Ludlum Model 14C Emergency [Radiological] Response Kit

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 4.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 24

Course Description

This course provides in-depth instruction on the theory of operation for the Ludlum Measurements' Model 14C Response Kit (including the Model 14C Analog Ratemeter, the Model 44-2 NaI Gamma Scintillator, and Model 44-9 Pancake Geiger-Muller Detector) to allow a higher level of evaluation in using this equipment in an actual event. The course covers

the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ31 – O&M of the Mine Safety Appliance (MSA) Sirius Multi-Gas w/PID Meter

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0

Course Description

This course provides in-depth instruction on the theory of operation for the MSA Sirius Multi-Gas Meter with Photo Ionization Detector to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



MSA Photo 1



DEQ32 – O&M of the Canberra UltraRadiac UDR-13

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 4.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



Canberra Photo 1

Course Description

This course provides in-depth instruction on the theory of operation for the Canberra's UltraRadiac UDR-13 to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ33 – O&M of the Smiths Technologies Hand-Held Detector for Explosives, Chemical Agents, Toxic Industrial Chemicals, and Narcotics Sabre 4000

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 4.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



Smith's Detection Photo 2

Course Description

This course provides in-depth instruction on the theory of operation for the Smith's Technologies Sabre 4000 to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ34 – O&M of the Rae Systems Photo Ionization Detector (PID) MiniRae 3000

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0

Course Description

This course provides in-depth instruction on the theory of operation for the Rae Systems Photo Ionization Detector (PID) MiniRae 3000 to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



RAE Systems Photo 5



DEQ35 – O&M of the Draeger Clandestine Lab Simultest Kit

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



Draeger Safety Photo 1

Course Description

This course provides in-depth instruction on the theory of operation for the Draeger Clandestine Lab Simultest Kit to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well. This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion

**DEQ36 – O&M of the Draeger Haz- Mat Simultest Kit**

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 25

Course Description

This course provides in-depth instruction on the theory of operation for the Draeger Haz-Mat Simultest Kit to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well. This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ37 – O&M of the Industrial Scientific M-40 Multi-Gas Monitor

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



Industrial Scientific Photo 2

Course Description

This course provides in-depth instruction on the theory of operation for the Industrial Scientific M-40 Multi-Gas Monitor to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ38 – O&M of the Mine Safety Appliance (MSA) Orion Multi-Gas Detector

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



MSA Photo 2

Course Description

This course provides in-depth instruction on the theory of operation for the Mine Safety Appliance (MSA) Orion Multi-Gas Detector to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ39 – O&M of the Rae Systems AreaRae PGM- 5020

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0

Course Description

This course provides in-depth instruction on the theory of operation for the Rae Systems AreaRae PGM- 5020 to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



RAE Systems Photo 6



DEQ40 – O&M of the MGP Instruments DMC 2000 Personal Electronic Dosimeter

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 2.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0

Course Description

This course provides in-depth instruction on the theory of operation for the MGP Instruments DMC 2000 Personal Electronic Dosimeter to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.



MGP Photo 1

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



DEQ41 – O&M of the Jerome 431-X Mercury Vapor Analyzer

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



Arizona Instruments Photo 1

Course Description

This course provides in-depth instruction on the theory of operation for the Jerome 431-X Mercury Vapor Analyzer to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion

DEQ42 – O&M of the Ahura First Defender

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 4.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0

Course Description

This course provides in-depth instruction on the theory of operation for the Ahura First Defender to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



Ahura Photo 1

**DEQ43 – O&M of the Rae Systems QRAE Plus Four Gas Monitor**

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 3.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



RAE Systems Photo 7

Course Description

This course provides in-depth instruction on the theory of operation for the Rae Systems QRAE Plus Four Gas Monitor to allow a higher level of evaluation in using this equipment in an actual event. The course covers the capabilities, limitations, pre-operation, operation, preventive and corrective maintenance. If applicable, the course covers programming options for equipment as well.

This course provides an opportunity for the student to understand how the equipment functions but also some of the means by which it can be deployed. The course includes follow-on resources to reinforce how this equipment will be used for incidents of weapons of mass destruction or in the day-to-day routine of the first responder.

Course Objectives

At the end of this course, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



TABLETOP PRACTICAL EXERCISES

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 1.0 – 2.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 26

Course Description

TTX01 - TTX04: These 1-hour practical exercises present students with a potential WMD event scenario that requires student teams to evaluate the conditions, determine the technology(ies) that will be effective, decide on the types of detection equipment to be used in each situation, describe how they would employ the equipment selected, and present their findings to the entire class. "Hot washes" and group discussions follow student team presentations. The following are the situation settings:

- TTX01: Urban metropolitan transit station (sub-surface). Could involve: CBRN.
- TTX02: Mixed-use site – suburban industrial, rail, residential. Could involve: CBRN.
- TTX03: Urban international airport and surrounding community. Could involve: CBRN.
- TTX04: Multiple -- Mid-town and suburban power generation plant. Could involve: CBRNE.

TTX05 – TTX07: These 2-hour practical exercises present students with potential WMD event scenarios that require teams to evaluate the conditions, determine the technology (ies) that will be effective, decide on the type(s) of radiological detection equipment to be used in each situation, describe how they would employ the equipment selected, and present their findings to the entire class. "Hot washes" and group discussions follow student team presentations. The following are the situation settings:

- TTX05: Light industrial or medical. Involves Radiation.
- TTX06: Urban – downtown and surrounding area...county courthouse and hospital. Could involve CBRNE.
- TTX07: Light industrial or medical. Involves Radiation.

Course Objectives

At the end of each exercise, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion

**MASS CASUALTY DECONTAMINATION**

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 24.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 27

Course Description

- WMD01 – WMD Detection Technologies
- DEC02 – WMD Mass Casualty Personnel Decontamination – Principles and Procedures
- DEC03 – WMD Mass Casualty Personnel Decontamination – Practical Application

WMD01 – This 4-hour section offers the jurisdiction an overview of WMD threats and available technologies currently being utilized across the nation, along with their capabilities and limitations.

DEC02 – This 12-hour section begins with a history of terrorist activity and includes an exercise in developing a simulated terrorist action. This is followed by an in-depth study of the principles and procedures of mass casualty decontamination. Students learn and practice methods of establishing emergency decontamination corridor systems utilizing their normal first in equipment. An example of commercial personnel decontamination equipment will be presented as well as concepts of producing a system of their own. The final portion of this course provides the students with concepts of triage and identification of victims ending with a practical exercise. Through out the course students are provided with hands on activities designed to reinforce learning. The course focuses on the first 20 to 30 minutes of an incident.

DEC03 – This 8-hour section allows participants to apply the information and concepts gained in DEC02. Students will participate in a Table Top exercise as the first step in preparing for a practical exercise. This is followed by a guided practice session where the students establish a Mass Casualty Personnel Decontamination Corridor utilizing their own first response equipment. Finally, students perform decontamination in three contaminated personnel situations: ambulatory victims, non-ambulatory victims, and pre-transport in a simulated incident. As in all DPETAP hands-on technical assistance training, safety will be stressed throughout the course.

Course Objectives

At the end of each exercise, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



PERSONAL PROTECTIVE EQUIPMENT (PPE)

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 24.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 28

Course Description

- WMD00 – Introduction to WMD-Related Hazardous Materials – Substances and Symptoms
- PPE02 – Chemical Protective Equipment
- PPE03 – Hot Area Operations

WMD00 – This 4-hour course is designed to provide a basic understanding of the chemical, biological and radiological/nuclear materials associated with WMD as well as the signs and symptoms of exposure. This course will give the responders the tools to effectively recognize the indications of a WMD or terrorism incident and the signs and symptoms of exposure to the threats.

PPE02 – This 4-hour course provides an overview of all the components and the technologies employed in various types of PPE (SCBAs, APRs, PAPRs, Rebreathers, Suits, Boots and Gloves) to protect first responders from various WMD threats. Equipment purpose, function, designs, chemical compatibility and usability to WMD is discussed. Both the Occupational Health and Safety Administration (OSHA) and National Firefighter Protection Association's (NFFPA) standards are addressed to help familiarize first responders with the different levels of protection and the conditions under which they are employed. This course will provide all responders with the tools to effectively determine the appropriate piece of equipment for the incident, how to adequately inspect and maintain the PPE and how to determine the appropriate level of protection.

PPE03 – This 16 hour, instructor-led lecture and practical exercise includes the following modules:

- Safety Considerations – Heat stress and cold stress considerations for PPE responses.
- Donning / Doffing Procedures – Demonstration of the sequential and regulatory procedures for donning and doffing various levels of PPE.
- Overview of Detection Equipment – A round-robin class with the most commonly used monitoring and detection equipment. They will overview the theory of operation, operator procedures and how to effectively use the detection equipment while in PPE.
- Room search techniques and hot area procedures – a review of hazardous material incident response techniques and procedures.
- Technical Decontamination – this course is designed to familiarize students with the equipment, techniques and procedures for the proper decontamination of response personnel and response equipment.
- Student Practical Exercise – In this instructor-led module, students will practice the techniques and procedures learned in the previous modules while in Level A protective ensembles. Students will conduct: donning / doffing procedures for Level A, extraction of an injured person and/or responder, room search techniques, detection techniques, and mitigation techniques.



- PPE Practical Exercise – Students respond to a scenario style, practical exercise incident. Students place into practice the tactics and techniques that they learned during the prior modules. An emphasis is placed on treating the exercise as an actual response. Students don/doff various levels of PPE, perform monitoring/detection and datalogging with simulated chemical releases, report results, extract casualties from a simulated contaminated area, and perform emergency decontamination while in PPE. As in all DPETAP hands-on technical assistance training, safety will be stressed throughout the exercise. DPETAP employed, nationally registered EMTs will be present during this activity.
- Exercise Review – During this portion of the course, the instructors review the exercise performed by the students and evaluate their response to the scenario. Instructors give guidance and information on how to better the students if and when they respond to an actual event.

Course Objectives

At the end of each exercise, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations



GP File Photo 29

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



HOSPITAL MASS CASUALTY PATIENT DECONTAMINATION

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 8.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 30

Course Description

- HDC01 – Hospital Mass Casualty Patient Decontamination

This 8-hour Training Assistance Visit presents a study of the principles and procedures for mass casualty patient decontamination and the associated equipment in a hospital environment. Training involves a high-energy drill exercise and practical application to reinforce the objectives.

Students undergo a rigorous analysis of many issues including hospital decontamination for WMD threats to the use of personal protective equipment. Finally, students perform decontamination in a contaminated [simulated] environment. As in all DPETAP hands-on technical assistance training, safety will be stressed throughout the Training Assistance Visit.

Course Objectives

At the end of each exercise, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations



GP File Photo 31

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



PERSONAL PROTECTIVE EQUIPMENT (PPE) FOR LAW ENFORCEMENT

Course Provider: Domestic Preparedness Equipment Training Assistance Program (DPETAP)
Course Length: 8.0 hours
Course Delivery: Mobile Training
Course Level: Performance
CEUs: 0.0



GP File Photo 32

Course Description

- LEP01 – Personal Protective Equipment for Law Enforcement

This 8-hour Training Assistance Visit presents within a two module course; CBRNE Awareness and Chemical Protective Equipment. The theory behind these modules is to give officers the tools to identify the hazards present and the tools to effectively protect themselves from the hazards. A practical exercise is the capstone designed to allow officers to practice the proper procedures for Donning and Doffing their issued PPE.

CBRNE Awareness (3 hours) - A study of the Chemical, Biological, Radiological, Nuclear and Explosive (CBRNE) hazards and their associated signs and symptoms that could possibly affect officers during an incident. This module will give officers the tools to effectively recognize the indications of a WMD or terrorism incident, the signs and symptoms of exposure and when it is necessary to utilize PPE.

Chemical Protective Equipment (3 Hours) - An overview of all the components and the technologies employed in various types of Chemical Protective Equipment (CPE) and Personal Protective Equipment (PPE). Involves a study of the function, designs, operation, chemical compatibilities, capabilities, limitations and inspection of APR's, SCBA's, chemical protective suits, boots and gloves. Training involves the selection criteria for determining the appropriate CPE and regulatory requirements for PPE.

Practical Exercise (1 to 1.5 hours) - Instructors will demonstrate the procedures for properly donning and doffing Levels B and C protective ensembles. Students will then have the opportunity to utilize their own issued PPE to conduct the donning and doffing procedures while instructors assist (equipment provided by DPETAP if needed).

Course Objectives

At the end of each exercise, participants will be able to:

1. Describe the purpose and function
2. Describe the theory of operation
3. Discuss capabilities and limitations
4. Perform pre-operational checks
5. Operate the equipment
6. Perform maintenance
7. Discuss decontamination
8. Discuss safety considerations



GP File Photo 33

Target Audience

Members of all emergency response communities, including Hazardous Materials (HazMat), Fire, Law Enforcement, Emergency Management, Emergency Medical Services, and Environmental Health.

Training Certificates

Domestic Preparedness Equipment Training Assistance Program Certificate of Completion



What is Training Assistance?

The Training Assistance Program develops and enhances State and local preparedness strategies related to chemical, biological, radiological, nuclear, and explosive (CBRNE) terrorism as well as other hazards. Services to grantees include information resources on preparedness capabilities; stand-alone tools including performance samples, models, and templates on various capabilities; and on-site assistance, as requested by grantees.

What is a TAV?

The Federal Emergency Management Agency (FEMA), has established the Domestic Preparedness Equipment Training Assistance Program (DPETAP), a comprehensive, national training assistance program for emergency responders. DPETAP was developed in partnership with the United States Army's Pine Bluff Arsenal, the Department of Defense's center of expertise for chemical and biological defensive equipment production and support.

DPETAP provides onsite technical assistance and training for emergency responders to better choose, operate, and maintain their chemical, biological, radiological, nuclear, and explosive (CBRNE) detection and response equipment. Training is provided by DPETAP Mobile Training Assistance Teams at no cost to the jurisdiction. The visits will be funded by DHS or DHHS grant programs. DPETAP is the on-staff provider for equipment training assistance for the Department of Homeland Security. These teams provide detailed technical information and hands-on equipment operation and maintenance training.

The Training Assistance Visit (TAV) occurs when the requesting jurisdiction conducts the training on their site for their entire emergency response community who may benefit from this type of training. The conduct of this visit maximizes the use of jurisdictional personnel as well as DPETAP personnel to ensure the most comprehensive training assistance is performed during the TAV.

A limited number of "Direct Delivery" TAVs are provided to jurisdictions each year. Once the available DHS Funded TAVs are allotted, jurisdictions may also utilize local funding (including Homeland Security Grant funding) to purchase additional training deliveries.

How does a jurisdiction request a TAV?

The jurisdiction contacts the DPETAP Scheduling representative and expresses the desire to receive Training Assistance. The process for obtaining DPETAP training assistance begins with the electronic submission of a completed Training Assistance (TA) Request Form that is provided to you from the DPETAP Scheduling representative to your State Administrative Agent (SAA) for approval. Once DPETAP receives notification that your request has been approved, you will be contacted to review your individual course selections and begin the Training Assistance Visit (TAV) scheduling process.

The requested course curriculum will be created from selections included in this catalog. All course names, course descriptions, and required hours are included. Specific programs are shown as samples in the following pages.

What is required for a jurisdiction to host?

If all the above requirements are met, the jurisdiction only needs to provide a training location appropriate to the number of students being trained. Suggested minimums are 12 students for every class and preferably up to 15 students. The training can be conducted on shift to maximize the training experience.



Frequently Asked Questions

- *Do we have to have our equipment available for training?* No, the DPETAP instructors will bring all the equipment necessary to be used during training. We want to make sure that each jurisdiction's equipment is ready for a real-time call. DPETAP's equipment is training equipment only and is often programmed to provide specialized classroom readings to support the materials.
- *Will we get any reference material?* Students receive their own training manual with appropriate course material. The Point of Contact receives a resource CD which provides additional information that can be used by the jurisdiction.
- *Does this training cost our jurisdiction anything?* No, the training assistance is provided at no cost. The only associated cost would be if a training facility must be rented. The training facility must be provided by the jurisdiction but everything else is provided.
- *Do our personnel have to be out-of-service to attend training?* No, our instructors train on shift and will resume training when the units come back from a call that involves most of the audience. The Point of Contact will determine if training continues if only a small number of students answer the call.
- *Can you help us understand our equipment requirements?* WMD01, WMD Detection Technologies, answers a number of those questions; however, all instructors are imminently qualified to provide additional equipment information.
- *Are these the only classes you teach?* This is our currently accepted catalog; however, additional information about different equipment is always available because the DPETAP instructors have over 200 years of experience in the chemical, biological, and radiological protected environment.
- *Are the DPETAP instructors certified to teach all of these courses?* After a rigorous certification program, instructors are certified by Department of Homeland Security, Office of Grants and Training, to be fully certified and qualified to teach these courses.
- *How do we select our classes?* After verification of an approved training assistance request, the DPETAP Outreach/Scheduling representative will consult with the Point of Contact to create a robust schedule of appropriate courses.
- *Can the programs be mixed and matched?* Yes, you need only communicate your desires to the DPETAP Outreach/Scheduling representative. Detection classes can be taught in conjunction with the other conceptual courses. However, number of days on location should not generally exceed 18.
- *How can I reach the DPETAP Outreach/Scheduling representative?* Call 870-540-2383 or email, dpetapoutreach@gpworldwide.com
- *Do I need to fill out some paperwork to schedule my TAV?* Yes, there is a full request packet that can be requested from the DPETAP Outreach/Scheduling representative. The paperwork is processed and then forwarded to the appropriate State Administering Agency followed by the Department of Homeland Security Preparedness Officer. The DPETAP representative will be glad to help you with this.
- *I received some HDER radiological meters; can we be trained on those?* Yes, this is a perfect opportunity to request AWMD02, Advanced Radiological Survey Techniques. This will give you a broad overview of those meters and their uses.
- *How do I design my schedule?* Look at the examples shown on the next few pages and then contact the DPETAP Outreach/Scheduling representative at your earliest convenience.



Examples of TAV Schedules

These are examples only.

- DPETAP has no pre-determined schedules for TAVs. We work with the jurisdictions to develop the schedule to fit your needs.
- DPETAP is a mobile program. We bring the instructors, all equipment, and the support materials to your site(s).
- As the 'host', you may invite anyone you choose to attend.
- We will work 'on shift' or off – it is up to you.
- DPETAP Operational Readiness Training is a critical factor in attainment of the National Preparedness Goals as outlined in Homeland Security Presidential Directive (HSPD) -8.

Detection/Survey Technology Courses

- WMD01 – WMD Detection Technologies is the course on which all others are built. This offers the jurisdiction an overview of different technologies being utilized across the nation right now, along with their capabilities and limitations. This course is the prerequisite for all other DPETAP courses (except PPE) (4 hours).
- DEQ01 – DEQ43, AWMD01 – These courses are designed to be a practical “how-to” guide for pieces of detection equipment which the jurisdiction currently maintains. The jurisdiction is advised to take as many of these as possible during the course of a Training Assistance Visit (length varies from 1-4 hours).
- TTX01-TTX07 – Typically, a jurisdiction will utilize one Tabletop Exercise to conclude their Training Assistance Visit. This practical exercise presents the student with a WMD event scenario in which they can use the knowledge they have acquired throughout the Training Assistance Visit (length varies from 1-4 hours).
- Total Length: Varies



Sample conduct would look similar to this for three shifts

| TIME | HRS | # | Wednesday June 07 | Thursday June 08 | Friday June 09 |
|-----------|-----|----|-------------------------------------|-------------------------------------|-------------------------------------|
| | | | Shift A | Shift B | Shift C |
| 0830-0900 | .5 | 25 | DPETAP Intro Admin | DPETAP Intro Admin | DPETAP Intro Admin |
| 0900-1200 | 3 | 25 | (WMD01) WMD Detection Tech | (WMD01) WMD Detection Tech | (WMD01) WMD Detection Tech |
| 1200-1300 | 1 | 25 | Lunch | Lunch | Lunch |
| 1300-1400 | 1 | 25 | (WMD01) WMD Detection Tech | (WMD01) WMD Detection Tech | (WMD01) WMD Detection Tech |
| 1400-1600 | 2 | 25 | (DEQ01) Draeger CDS | (DEQ01) Draeger CDS | (DEQ01) Draeger CDS |
| Total: | 7.5 | | | | |
| | | | | | |
| TIME | HRS | # | Monday June 12 | Tuesday June 13 | Wednesday June 14 |
| | | | Shift A | Shift B | Shift C |
| 0900-1200 | 3 | 25 | (DEQ20) MultiRAE Plus for Operators | (DEQ20) MultiRAE Plus for Operators | (DEQ20) MultiRAE Plus for Operators |
| 1200-1300 | 1 | 25 | Lunch | Lunch | Lunch |
| 1300-1400 | 1 | 25 | (DEQ06) M8, M9, M256A1 Kit | (DEQ06) M8, M9, M256A1 Kit | (DEQ06) M8, M9, M256A1 Kit |
| 1400-1600 | 2 | 25 | (DEQ14) Draeger CMS | (DEQ14) Draeger CMS | (DEQ14) Draeger CMS |
| Total: | 7 | | | | |
| | | | | | |
| TIME | HRS | # | Thursday June 15 | Friday June 16 | Monday June 19 |
| | | | Shift A | Shift B | Shift C |
| 0900-1200 | 3 | 25 | (DEQ23) FH 40 G | (DEQ23) FH 40 G | (DEQ23) FH 40 G |
| 1200-1300 | 1 | 25 | Lunch | Lunch | Lunch |
| 1300-1400 | 1 | 25 | (DEQ23) FH 40 G | (DEQ23) FH 40 G | (DEQ23) FH 40 G |
| 1400-1500 | 1 | 25 | (TTX03) Tabletop 3 | (TTX03) Tabletop 3 | (TTX03) Tabletop 3 |
| 1500-1530 | .5 | 25 | End of Survey Adjourn | End of Survey Adjourn | End of Survey Adjourn |
| Total: | 6.5 | | | | |



WMD Mass Casualty Personnel Decontamination Courses

- WMD01 – WMD Detection Technologies is the course on which all others are built. This offers the jurisdiction an overview of different technologies being utilized across the nation right now, along with their capabilities and limitations. This course is the prerequisite for all other DPETAP courses (except PPE) (4 hours).
- DEC02 – This section begins with a history of terrorist activity and includes an exercise in developing a simulated terrorist action. This is followed by an in-depth study of the principles and procedures of mass casualty decontamination. Students learn and practice methods of establishing emergency decontamination corridor systems utilizing their normal first in equipment. An example of commercial personnel decontamination equipment will be presented as well as concepts of producing a system of their own. The final portion of this course provides the students with concepts of triage and identification of victims ending with a practical exercise. Through out the course students are provided with hands on activities designed to reinforce learning. The course focuses on the first 20 to 30 minutes of an incident (12 hours).
- DEC03 – This section allows participants to apply the information and concepts gained in DEC02. Students will participate in a Table Top exercise as the first step in preparing for a practical exercise. This is followed by a guided practice session where the students establish a Mass Casualty Personnel Decontamination Corridor utilizing their own first response equipment. During this session students receive assistance in determining their roles according to their professional discipline. Finally, students perform decontamination in three contaminated personnel situations: ambulatory victims, non-ambulatory victims, and pre-transport in a simulated incident. As in all DPETAP hands-on technical assistance training, safety will be stressed throughout the conduct (8 hours).
- Total Length: 24 hours



Sample conduct would look similar to this for three shifts

| TIME | HRS | # | Wednesday June 07 | Thursday June 08 | Friday June 09 |
|-----------|-----|----|----------------------------|----------------------------|----------------------------|
| | | | Shift A | Shift B | Shift C |
| 0800-0900 | 1 | 25 | DPETAP MCPD Intro | DPETAP MCPD Intro | DPETAP MCPD Intro |
| 0900-1200 | 3 | 25 | (WMD01) WMD Detection Tech | (WMD01) WMD Detection Tech | (WMD01) WMD Detection Tech |
| 1200-1300 | 1 | 25 | Lunch | Lunch | Lunch |
| 1300-1400 | 1 | 25 | (WMD01) WMD Detection Tech | (WMD01) WMD Detection Tech | (WMD01) WMD Detection Tech |
| 1400-1700 | 3 | 25 | Intro to Terrorism | Intro to Terrorism | Intro to Terrorism |
| Total: | 9 | | | | |
| TIME | HRS | # | Monday June 12 | Tuesday June 13 | Wednesday June 14 |
| | | | Shift A | Shift B | Shift C |
| 0800-0900 | 1 | 25 | Principles | Principles | Principles |
| 0900-1000 | 1 | 25 | Procedures | Procedures | Procedures |
| 1000-1200 | 2 | 25 | Equipment | Equipment | Equipment |
| 1200-1300 | 1 | 25 | Lunch | Lunch | Lunch |
| 1300-1400 | 1 | 25 | Configurations | Configurations | Configurations |
| 1400-1600 | 2 | 25 | Medical Considerations | Medical Considerations | Medical Considerations |
| Total: | 8 | | | | |
| TIME | HRS | # | Thursday June 15 | Friday June 16 | Monday June 19 |
| | | | Shift A | Shift B | Shift C |
| 0800-0900 | 1 | 25 | Review and Summary | Review and Summary | Review and Summary |
| 0900-1200 | 1 | 25 | WMD MCPD Exercise | WMD MCPD Exercise | WMD MCPD Exercise |
| 1200-1300 | 1 | 25 | Lunch | Lunch | Lunch |
| 1300-1600 | 1 | 25 | WMD MCPD Exercise | WMD MCPD Exercise | WMD MCPD Exercise |
| 1600-1700 | 1 | 25 | End of Survey Adjourn | End of Survey Adjourn | End of Survey Adjourn |
| Total: | 9 | | | | |



WMD Personal Protective Equipment

- WMD00 – This course is designed to provide a basic understanding of the chemical, biological and radiological/nuclear materials associated with WMD as well as the signs and symptoms of exposure (4 hours).
- PPE02 – This course provides an overview of all the components and the technologies employed in various types of PPE (SCBAs, APRs, PAPRs, Rebreathers, Suits, Boots and Gloves) to protect first responders from various WMD threats. Equipment purpose, function, designs, chemical compatibility and usability to WMD is discussed. Both the Occupational Safety and Health Administration (OSHA) and National Firefighter Protection Association's (NFFPA) standards are addressed to help familiarize first responders with the different levels of protection and the conditions under which they are employed. This course will provide all responders with the tools to effectively determine the appropriate piece of equipment for the incident, how to adequately inspect and maintain the PPE and how to determine the appropriate level of protection (4 hours).
- PPE03 – This instructor-led lecture and practical exercise includes the following modules: Safety Considerations, Donning / Doffing Procedures, Overview of Detection Equipment, Room Search Techniques and Hot Area Procedures, Technical Decontamination, Student Practical Exercise, and a PPE Practical Exercise. During which, students will respond to a scenario style, practical exercise incident. Students put into practice the tactics and techniques that they learned during the prior modules. An emphasis is placed on treating the exercise as an actual response. Students don/doff various levels of PPE, perform monitoring/detection and datalogging with simulated chemical releases, report results, extract casualties from a simulated contaminated area, and perform emergency decontamination while in PPE. As in all DPETAP hands-on training assistance, safety will be stressed throughout the exercise (16 hours).
- Total Length: 24 hours



Sample conduct would look similar to this for three shifts

| TIME | HRS | # | Wednesday June 07 | Thursday June 08 | Friday June 09 |
|-----------|-----|----|----------------------------------|----------------------------------|----------------------------------|
| | | | Shift A | Shift B | Shift C |
| 0800-0830 | .5 | 25 | Welcome and Introduction | Welcome and Introduction | Welcome and Introduction |
| 0830-1230 | 4 | 25 | Intro to WMD Hazardous Materials | Intro to WMD Hazardous Materials | Intro to WMD Hazardous Materials |
| 1230-1330 | 1 | 25 | Lunch | Lunch | Lunch |
| 1330-1730 | 4 | 25 | Chemical Protective Equipment | Chemical Protective Equipment | Chemical Protective Equipment |
| Total: | 9.5 | | | | |
| | | | | | |
| TIME | HRS | # | Monday June 12 | Tuesday June 13 | Wednesday June 14 |
| | | | Shift A | Shift B | Shift C |
| 0800-1200 | 4 | 25 | Hot Area Operations | Hot Area Operations | Hot Area Operations |
| 1200-1300 | 1 | 25 | Lunch | Lunch | Lunch |
| 1300-1700 | 4 | 25 | Hot Area Operations | Hot Area Operations | Hot Area Operations |
| Total: | 9 | | | | |
| | | | | | |
| TIME | HRS | # | Thursday June 15 | Friday June 16 | Monday June 19 |
| | | | Shift A | Shift B | Shift C |
| 0800-0830 | .5 | 25 | Safety Briefing | Safety Briefing | Safety Briefing |
| 0830-1200 | 3.5 | 25 | PPE Scenario Exercise | PPE Scenario Exercise | PPE Scenario Exercise |
| 1200-1300 | 1 | 25 | Lunch | Lunch | Lunch |
| 1300-1630 | 3.5 | 25 | PPE Scenario Exercise | PPE Scenario Exercise | PPE Scenario Exercise |
| 1630-1700 | .5 | 25 | Question/Answer Wrap Up | Question/Answer Wrap Up | Question/Answer Wrap Up |
| Total: | 9 | | | | |

Hospital Mass Casualty Patient Decontamination and the RAD courses are day-long stand alone courses.