

Level 1 Quality of Instruction Modules	Level 1 Quality of Facilitation Modules
<b>PER-260 Basic Emergency Resp</b>	
Module 1: Introduction to the Basic Emergency Response Training Course	ELA 1: Mass Casualty Incident Response Practical Application
Module 2: Hazardous Materials and Weapons of Mass Destruction Awareness	ELA 2: Hazardous Materials Air Monitoring and Detection Instruments Demonstration and Practical Application
Module 3: Hazardous Materials Identification	ELA 3: Air Monitoring and Detection and Mass Casualty Incident Walk through Exercises
Module 4: Hazard Identification and Protective Actions	ELA 4: Mass Casualty Incident Response Exercise
Module 5: Mass Casualty Triage and Lifesaving Interventions	
Module 6: Hazardous Materials Personal Protective Equipment and Decontamination	
Module 7: Survey of Hazardous Materials Air Monitoring and Detection Instruments	
<b>PER-201 Hazardous Materials Evidence Col</b>	
Module 1: Introduction to Evidence Collection in a Hazarouds Materials Environment Course	ELA 1: Field Screening HAZMAT/WMD Evidence Exercise
Module 2: Overview of HAZMAT/WMD Crime Scene Operations	ELA 2: Evidence Sampling and Packaging Exercise
Module 3: Preliminary Survey	ELA 3: Suspicious Letter Exercise
Module 4: Crime Scene Documentation	ELA 4: Hazardous Crime Scene Exercise I and Performance Test
Module 5: Collecting Physical Evidence	ELA 5: Hazardous Crime Scene Exercise II

<b>AWR-358 Hazardous Material</b>	
Module 1: Introduction to the Hazardous Materials Awareness Course	
Module 2: Introduction to Hazardous Materials	
Module 3: Hazardous Materials Identification	
Module 4: Hazardous Material Regulations and Communications	
Module 5: Protective Actions	
Module 6: Indicators of Illicit Laboratories	
<b>PER-338 Hazardous Materials Basic Responder</b>	
Module 1: Introduction to the Hazardous Materials Basic Responder for Mass Casualty Incidents Course	ELA 1: Mass Casualty Incident Response Practical Application
Module 2: Introduction to Mass Casualty Incident Operations	ELA 2: Hazardous Materials Mass Casualty Incident Response Exercise I
Module 3: Triage and Lifesaving Interventions	ELA 3: Hazardous Materials Mass Casualty Incident Response Exercise II
Module 4: Basic Rescue Procedures	
Module 5: Personal Protective Equipment	
Module 6: Decontamination	
<b>PER-322 Hazardous Material</b>	
Module 1: Introduction to Hazardous Materials Operations	ELA 1: Personal Protective Equipment Activity
Module 2: Informational Sources and Hazard Assessment	ELA 2: Product Control Techniques
Module 3: Incident Command, Site Management, and Termination	ELA 3: Decontamination Activity
Module 4: Hazardous Materials Behaviors	ELA 4: Hazardous Materials Response Exercise
Module 5: Personal Protective Equipment	ELA 5: Performance Assessment






**PER-263 Respiratory Protection: Program De**

Module 1: Introduction to Respiratory Protection	Module 3: CNC Fit Testing Technology Exercise
Module 2: Hazardous Waste Ops and Emergency Response	Module 7: CNP Fit Testing Technology Exercise
Module 4: Personal Protective Equipment (PPE) General Requirements	
Module 5: Respiratory Protection	
Module 6: Qualitative and Quantitative Fit Testing	
Module 8: Respirator Use	
Module 9: Maintenance and Care of Respirators	
Module 10: APR Cleaning Procedures	
Module 11: Air Quality	
Module 12: Types of Atmosphere-Supplying Respirators	
Module 13: Admin Aspects of Respiratory Protection Program	

Module 14: APR Assembly, Inspection, and Storage	

Level 1 and 3  
Associated Skills Questions

**Response Training (BERT)**

Recognize clues of a hazardous materials and weapon of mass destruction threat.

Identify hazardous materials.

Determine awareness level protective actions.

Operate in personal protective equipment level C.

Perform emergency decontamination procedures.

Perform patient decontamination procedures.

Perform triage and lifesaving interventions.

Perform basic rescue procedures.

Perform basic functions with select hazardous materials air monitoring and detection instruments.

**Lesson for CBRNE Incidents (HEC)**

Plan Response to Criminal Hazardous Materials Incident.

Conduct Preliminary Survey of Criminal Hazardous Materials Incident.

Document Criminal Hazardous Materials Incident.

Collect Hazardous Evidence.

Screen Hazardous Evidence for Corrosivity, Flammability, Oxidation, Radioactivity, and Volatile Organic Compounds.

Release Criminal Hazardous Materials Crime Scene.

Don and Doff PPE Level C.

**Incident Awareness (HMA)**

Identify hazardous materials and weapons of mass destruction.

Identify and implement awareness-level personnel and public protective actions.


**Response for Mass Casualty Incidents (HMBR)**

Identify the procedures for conducting hazardous materials mass casualty incident operations.

Don and doff personal protective equipment level C.

Perform decontamination procedures.

Perform triage and lifesaving interventions.

Perform basic rescue procedures.

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**Response Operations (HMO)**

Identify sources of hazardous materials response information.

Identify types of hazardous materials.

Identify properties of hazardous materials.

Identify behaviors of hazardous materials.

Respond to a hazardous materials incident.



Don and doff personal protective equipment Level B.
Don and doff personal protective equipment Level C.
Perform the absorption product control technique.
Perform the adsorption product control technique.
Perform the damming product control technique.
Perform the diking product control technique.
Perform the dilution product control technique.
Perform the diversion product control technique.
Perform the retention product control technique.
Perform the remote valve shutoff product control technique.
Perform the vapor dispersion product control technique.
Perform the vapor suppression product control technique.
Perform emergency decontamination.
Perform mass decontamination.
Perform technical decontamination.

**Is Technician (HMT)**

Plan a response to a hazardous materials incident.
Don and Doff Personal Protective Equipment Level B
Don and Doff Personal Protective Equipment Level A
Perform decontamination operations.
Contain a leak in a 55-gallon drum.
Contain a leak in a pressurized container.
Contain a leak in a MC 306/DOT 406 Dome Cover.
Perform Hazardous Materials Monitoring.
Perform Hazardous Materials Detection.
Perform Hazardous Materials Research.
Screen Hazardous Materials Samples.
Collect Hazardous Materials Samples.
Evaluate the Response Progress of a Hazardous Materials Incident.
Terminate a Hazardous Materials Incident.

## **CBRNE Incidents (HOT)**

Explain the course of action for a CBRNE response, including triage, decontamination, scene survey, and monitoring operations.

Perform mass casualty triage, decontamination, and monitoring operations whilewearing the appropriate level of PPE in response to a CBRNE incident.


## **ing for CBRNE Incidents (HOT-I)**

Perform mass casualty, decontamination, and monitoring operations while wearing the appropriate level of PPE in response to a CBRNE incident

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## **ian for CBRNE Incidents (HT)**

Select chemical sampling technology.

Operate a FirstDefender™.

Operate a TruDefender™.

Operate a MultiRAE®.

Operate an ALTAIR 5X®.

Operate a Lightweight Chemical Detector.

Select biological sampling technology.

Use a Pro Strips™ 5 Rapid Screening System.

Use a BioCheck™ Powder Screening Test Kit.

Operate a Rapid Analyte Measurement Platform® System.

Operate a Nano-Intelligent Detection System™.

Select radiological monitoring technology.

Operate a Ludlum 2241-2.

Operate a SAM 940 Isotope ID.

Operate a RAD 60 Dosimeter.

Select explosives monitoring technology.

Operate an XD-2i Explosives Trace Detector.

Perform HAZMAT operations in PPE Level A.
Perform HAZMAT operations in PPE Level B.
Operate a Fido® Explosives Trace Detector.
Perform HAZMAT operations in PPE Level C.
Perform HAZMAT operations in PPE Level D.
Perform Bulk Sample Collection Method A.
Perform Swab Sample Collection Method B.

**Development and Administration (RP)**

State the importance of respiratory protection to employers and employees according to § 1910.134.
Apply applicable § 1910.120 standards during an emergency response.
Complete Quantitative Fit Test (QNFT) in accordance with Fit Testing Procedures (Mandatory), Appendix A, Part I to § 1910.134, using the Condensation Nuclei Counter(CNC) fit testing technology.
Identify the requirements for personal protective equipment (PPE) in accordance with §1910.134.
Discuss the important elements of respiratory protection in accordance with § 1910.134(a–e), including voluntary use of respirators and medical evaluations.
Describe fit testing requirements in accordance with § 1910.134(f).
Complete a Quantitative Fit Test (QNFT) in accordance with § 1910.134, Appendix A, Part I using the Controlled Negative Pressure (CNP) fit testing technology.
Explain when respirators are required according to 1910.134(g).
Describe the requirements for the employer to provide respirator maintenance in accordance with § 1910.134(h).
Demonstrate cleaning procedures for respirator maintenance in accordance with Respiratory Cleaning Procedures (Mandatory), Appendix B-2 to § 1910.134 and the manufacturer’s guidelines.
Explain the employer’s responsibility to provide employees who are using atmosphere-supplying respirators (supplied-air and self-contained breathing apparatus [SCBA]) with breathing gases of high purity in accordance with § 1910.134(i).

Describe the basic operation of a self-contained breathing apparatus (SCBA) per manufacturer's guidelines.

Identify administrative components required for employers to establish a respiratory protection program in accordance with § 1910.134(c).

Demonstrate the procedures for storing an air-purifying respirator (APR) in accordance with § 1910.134, Appendix B-2 and manufacturer's guidelines.

Level 1 Quality of Instruction Modules	Level 1 Quality of Facilitation Modules
<b>MGT-908 Disaster Related Exposure Assessment</b>	
Module 1: Welcome and Introductions	Applying Epi CASE form
Module 2: Overview of Disaster Epidemiology	Using ACE toolkit forms
Module 3: Overview of NIMS, ICS/IMS, and EOCs	Pre-Deployment Activity; Case study
Module 4: Epi CASE	Deployment Activity; Case study
Module 5: Establishing a Registry and the Decision Support Tool (DST)	Post-Deployment Activity; Case Study
Module 6: ACE Toolkit	Capstone Part one / Part two
Module 7: Real World Current Events	
Module 8: Overview of Epi Info	
Module 9: Pre-Deployment ERHMS	
Module 10: Deployment ERHMS	
Module 11: Post-Deployment ERHMS	
Module 12: Current Events referencing ERHMS	
Module 13: Overview of ERHMS InfoManager	
<b>PER-309 Environmental Health Training in (EHTER OI</b>	

Module 1: Course Introduction and Overview	ELA 1: Environmental Health Response Team Skills Building
Module 2: Emergency Response Team Operations	ELA 2: Contaminated Water Supply
Module 3: Interpersonal Skills and Interviewing Techniques	ELA 3: Wastewater (Sewage) Overflow
Module 4: Course Review, Evaluation, and Conclusion	ELA 4: Food Preparation Site
	ELA 5: Operational Shelter Operations
	ELA 6: Re-occupancy
	ELA 7: Shelter Site Assessment

**PER-267 Emergency Medical Operation**

Module 1: CBRNE Incidents and the Incident Command System	Module 5: PPE, Triage, Treatment, and Decontamination Exercise
Module 2: Personal Protective Equipment	Module 10: Casualty Treatment Exercise
Module 3: Decontamination	Module 11: Station #1 – Triage, Cutout and Decontamination
Module 4: Triage and Lifesaving Interventions	Module 11: Station #2 – Treatment
Module 6: Access and Functional Needs	Module 11: Station #3 – Tracking and Transport
Module 7: Treatment for Exposure to CBRNE Hazards	Module 11: Station #4 – Responder Rehabilitation
Lesson 7A: Chemical Hazards	
Lesson 7B: Biological Agents	
Lesson 7C: Radiological Hazards	
Lesson 7D: Explosive Hazards	
Module 8: Tracking and Transport	
Module 9: Rehabilitation	

### **PER-271 Emergency Medical Response Awar**

Module 1: Introduction to Emergency Medical Response Awareness for CBRNE Incidents Course	
Module 2: Overview of CBNRE Threats	
Module 3: Triage and Lifesaving Interventions	
Module 4: Clinical Assessment and Treatment for Exposure to Pathogens	
Module 5: Clinical Assessment and Treatment for Exposure to Chemicals	

Module 6: Clinical Assessment and Treatment for Exposure to Radiation	
Module 7: Clinical Assessment and Treatment of Blast Injury	
Module 8: Course Review and Open Forum	

**AWR-900 Framework for Healthcare Er**

Module 1: Standards, Regulations, and Organizations	Module 7: Hazard Vulnerability Analysis Exercises
Module 2: Incident Command Systems as it Applies to Healthcare	Module 10: Managing a Medical Surge Exercise
Module 3: Integration with Agencies and Stakeholders	Module 17: Training, Drills, and Exercises
Module 4: Disaster Planning	Module 18: Tabletop Exercise
Module 5: Equipment, Supplies, and Services	
Module 6: Infrastructure	
Module 8: Staffing and Personnel	
Module 9: Emergency Management Issues in Healthcare	
Module 11: Personal Protective Equipment and Decontamination	
Module 12: Evacuation, Isolation, and Quarantine	



Module 13: Ethical Issues in Patient Care	
Module 14: Financial Issues and Reimbursement	
Module 15: Public Affairs and Risk Communications	
Module 16: Developing a SOCO	
<b>MGT-901 Healthcare Leadership for M</b>	
Module 1: Overview of Health Care Leadership and Decision Making in Disasters	Module 9: Emergency Management Systems Exercise
Module 2: Understanding the Government's Role in Disaster Preparedness	Module 11: Planning Exercise
Module 3: Application of the Incident Command System in Healthcare	Module 12: Exercise One
Module 4: Medical Supplies Management and Distribution	Module 13: Exercise Two
Module 5: Palliative Care and Mass Fatality Management	Module 14: Exercise Three

Module 6: Public Information and Communications	
Module 7: Personal Protective Equipment and Decontamination Decisions	
Module 8: Introduction to Disaster Planning	
Module 10: Overview of Noble, U.S.A	

**MGT-454 Healthcare Coalition Res**

Module 1: Introduction to the Health Care Coalition Response Leadership Course	ELA 1: Health Care Coalition Response Practical Application
Module 2: Health Care Coaliton Framework	ELA 2: Health Care Coalition Response and Recovery Exercise
Module 3: Health Care Coalition Preparedness	ELA 3: Health Care Coalition Response and Recovery Capstone Exercise
Module 4: Health Care Coalition Response and Recovery	
Module 5: Indicators, Triggers, and Tactics for Health Care Coalition Action	

Module 6: Continuity of Operations for Health Care Coalition Action	
Module 7: Course Review and Open Forum	

**PER-324 Healthcare Emergency Response Ope**

Module 1: Introduction to the Healthcare Emergency Response Operations Course	Experiential Learning Activity: CBRNE Mass Casualty Patient Treatment Exercise
Module 2: Personal Protective Equipment	
Module 3: Decontamination	

**PER-902 Hospital Emergency Response Trainin**

Module 1: Introduction to the Healthcare Emergency Response Operations Course	Experiential Learning Activity: CBRNE Mass Casualty Patient Treatment Exercise
Module 2: Personal Protective Equipment	
Module 3: Decontamination	

**PER-321 Barrier Precautions and Controls**

Module 1: Introduction to the Barrier Precautions and Controls for Highly Infectious Disease Course	ELA 1: Barrier Precaution Demonstrations
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Module 2: Barrier Precautions and Controls	ELA 2: Maximum Barrier Precautions PPE Practical Applications
Module 3: Pathogens of Special Concern	ELA 3: Highly Infectious Disease Patient Management Walkthrough
Module 4: PART A Patient Management: Receiving a Highly Infectious Patient	ELA 4: Incapacitated Healthcare Provider Response Demonstration
Module 4: PART B Patient Management: Management of Highly Infectious Disease Patient in a Healthcare Facility	ELA 5: Skills Maximum Barrier Precaution PPE Practical Application
Module 5: Emerging Patterns and Trends for Highly Infectious Disease	ELA 6: Highly Infectious Disease Patient Transport Practical Application
Module 6: Course Review and Open Forum	ELA 7: Highly Infectious Remains Handling Demonstration
	ELA 8: Highly Infectious Disease Patient Management Exercise 1
	ELA 9: Highly Infectious Disease Patient Management Exercise 2

### **AWR-336 Health Sector Emergen**

Module 1: Health Sector Emergency Preparedness Course Introduction	
Module 2: Emergency Preparedness Rule Overview	
Module 3: Risk Assessment and Emergency Planning	
Module 4: Policies and Procedures	

Module 5: Emergency Preparedness Communication Planning	
Module 6: Training and Testing (Exercising)	
Module 7: Course Review and Open Forum	

**PER-294 Health Sector Emergency Preparedness  
(HSEP II)**

Module 1: Introduction to the Health Sector Emergency Preparedness II: Planning, Response, and Recovery Course.	Community Health System Response and Recovery Exercise.
Module 2: Healthcare Facility Planning Review.	
Module 3: Hazard Vulnerability.	
Module 4: Emergency Operations and Incident Action Planning.	
Module 5: Emergency Communications Planning.	
Module 6: Training and Exercise Planning and Execution.	
Module 7: Healthcare Facility Preparedness Response, and Recovery.	

**PER-320 Personal Protective Measures**

Module 1: Introduction to the Personal Protective Measures for Biological Events Course	ELA 1: Biological Precautions and Protections Demonstrations
Module 2: Biological Agents and Bio-Terrorism	ELA 2: Biological Precautions and Protections Practical Applications
Module 3: Biological Precautions and Protections	ELA 3: Biological Precautions Performance Examination

Level 1 and 3  
Associated Skills Questions

**Assessment and Monitoring (DREAM)**

Describe NIMS, ICS, and EOC relationship.

Identify other disaster epi tools.

Describe the important factors that support the development of a registry and use of the Decision Support Tool.

Explain rostering during and after an incident using the Epi CASE toolkit, and other disaster Epi tools.

Demonstrate the use of the Epi Info data base and its basic functions.

Develop proficiency in the gathering information from citizens and responders using the Epi CASE form, practicing proper interview techniques and obtaining informed consent form.

Describe the four pre-deployment activities and their purpose: Rostering and Credentialing; Health Screening; Health and Safety Training; and Data Management and Info Security

Describe the deployment activities and their purpose: On Site Responder In-processing; Health Monitoring and Surveillance; Integrating Exposure Assessment, Activities Documentation and Controls

Describe the post-deployment activities and their purpose.

Monitor responder and community health.

Apply the ERHMS, Epi CASE, and ACE tools.

**Emergency Response Operations (PS)**

Follow National Incident Management Systems (NIMS) ICS concepts and principles when performing assigned tasks as a team during simulated emergency or post disaster conditions.

Use personal protective equipment (PPE) provided in the course for safely responding to, and facilitating recovery after, a simulated disaster event (according to Hazardous Waste Operations and Emergency Response Standard HAZWOPER, 29 C.F.R. § 1910.120, and National Fire Protection (NFPA) 472 Chapter 6 standards).

Assess drinking water safety in a simulated post-disaster environment; recommend alternatives to provide safe drinking water, and interventions and Countermeasures to restore drinking water to Environmental Protection Agency (EPA) standards

Assess a sewage overflow in a simulated disaster environment and make recommendations to disinfect the site, prevent further contamination, and provide safe wastewater disposal.

Assess a food preparation facility in a simulated post-disaster environment using provided guidelines; identify environmental health and safety considerations and propose interventions as needed.

Assess an operational shelter in a simulated post- disaster environment using the CDC Environmental Health Assessment Form for Shelters and recommend interventions to ensure environmental health and safety of the shelter population.

Based on a pre-assessment briefing, identify environmental health and safety issues in a community affected by simulated disaster impacts, recommend remediation actions, and provide input to decision-makers regarding re-occupancy.

Recommend key information regarding environmental health restoration for public health leadership to disseminate to the general public following a simulated disaster event.

Provide Environmental Health updates during a simulated disaster operation, and a Situation Report at the end of a mission, to the Public Health Branch Director.

**is for CBRNE Incidents (EMO)**

Apply the Incident Command System (ICS) principles focusing on medical operations.
Identify the appropriate PPE levels when responding to a CBRNE incident or an MCI.
Process nonambulatory, ambulatory, and access and functional needs casualties through a decontamination corridor.
Evaluate casualties using techniques such as the SALT triage process.
Respond to a simulated CBRNE incident or an MCI wearing the appropriate level of PPE while providing triage, treatment, and decontamination to casualties.
Evaluate medical treatment procedures for individuals exposed to CBRNE hazards.
Discuss access and functional needs considerations for casualty care.
Provide appropriate medical treatment for casualties at a CBRNE incident or an MCI.
Conduct tracking and transport operations in support of casualty evacuation during an MCI.
Participate in rehabilitation procedures for responders involved in a CBRNE incident or an MCI.
Respond to a simulated CBRNE incident or MCI while wearing PPE to provide casualty assistance and perform emergency medical operations.

**ness for CBRNE Incidents (EMRA)**

Identify a chemical hazard.
Identify a biological hazard.
Identify a radiological or nuclear hazard.
Identify an explosive hazard.
Perform triage of mass casualty victims.



Identify treatment protocols for victims of chemical agent exposure.
Identify treatment protocols for victims of biological agent exposure.
Identify treatment protocols for victims of radiation exposure.
Identify treatment protocols for blast injury.
<b>Emergency Management (Frame)</b>
Identify the various regulatory, accrediting, and standard-setting organizations and agencies and how the regulations and standards they produce are important in healthcare emergency management.
Describe how healthcare facilities and systems integrate into the community emergency response plan.
Describe the major components of the incident command system (ICS) as it applies to healthcare, including the roles and responsibilities of various functional areas, incident command post organization, unified command (UC) and operations, and the relation
Identify the essential elements of a typical all-hazards healthcare facility/system emergency management program.
Identify the major components of a typical all-hazards healthcare emergency response plan.
Identify how to conduct requirement planning, including resource acquisition and situational planning.
Identify how to assess a healthcare facility's threats, risks, and vulnerabilities, both internal and external, that may affect the continuous provision of high-quality healthcare services, including how to complete a Hazard Vulnerability Analysis (HVA).
Identify best practices for increasing the performance and productivity of healthcare staff during disaster response.
Identify and assess the critical points of coordination, communication, and integration within a healthcare facility and between a healthcare facility, the community, and external product and service suppliers.
Describe various methods of managing medical surge.

Explain the requirements for a program using personal protective equipment (PPE) in a healthcare facility for a variety of hazards, as well as types of decontamination procedures that may be required in a healthcare environment.

Define internal and external evacuation, isolation, and quarantine and explain when it is appropriate to use them during an emergency or disaster.

Describe ethical issues healthcare personnel may face in a disaster, including treatment issues, tracking and disclosure of patient information, patient diversion, alternate care facilities, mass fatality management, and restricted access.

Explain the role of financial planning for disaster situations and identify the applicable documentation requirements for disaster response, recovery, and reimbursement.

Create a single overriding communication objective (SOCO) and summarize the roles and responsibilities of the Public Information Officer (PIO), spokesperson, and Joint Information Center (JIC).

Describe a comprehensive exercise program, including different models and methods of exercises.

Synthesize lessons learned from an exercise into ongoing emergency management efforts.

## **Mass Casualty Incidents (HCL)**

Clarify healthcare emergency management roles and responsibilities in the disaster life-cycle process—mitigation, preparedness, response, and recovery— for all-hazards disasters.

Identify key partners in disaster preparedness, their roles, and interrelationships in responding to a disaster.

Relate the use of the Incident Command System (ICS) in the healthcare system through Hospital Incident Command System (HICS) and the Public Health Incident Command System (PHICS).

Illustrate roles and responsibilities in obtaining and distributing medical supplies in a disaster situation.

Illustrate the difficult decisions that healthcare leaders face regarding palliative care and mass fatality management.

Summarize the development of emergency public information and risk communications messages.

Differentiate requirements for types of decontamination procedures and facilities in addition to personal protective equipment (PPE) to be used in healthcare facilities for a variety of hazards.

Describe the various concepts associated with the disasters planning process.

Apply Comprehensive Emergency Management (CEM) to a disaster response situation.

Identify important aspects of Noble, U.S.A., and roles of the functional areas in the exercise.

Apply the concepts of healthcare disaster planning.

Summarize the role of healthcare response in an all-hazards disaster.

Conduct healthcare response to a disaster.

Respond to a healthcare all-hazards disaster.

### **ponse Leadership (HCRL)**

Discuss lessons learned and best practice methods and means for building a healthcare coalition in accordance with the US Department of Health and Human Services.

Discuss lessons learned and best practice methods and means for preparing to respond as a healthcare coalition in accordance with the U.S. Department of Health and Human Services.

Given an emergency scenario and healthcare coalition capability requirements, manage a response to a public health and/or medical emergency as a leadership team member for a healthcare coalition in accordance with Medical Surge Capacity and Capability: The Healthcare Coalition in Emergency Response and Recovery.

Manage a response to a public health and medical emergency as a leadership team member for a healthcare coalition in accordance with the U.S. Department of Health and Human Services.

Given an emergency scenario and health care coalition capability requirements, develop indicators, triggers, and tactics for proactive, health care coalition response in accordance with guidance from the Institute of Medicine/National Academy of Medicine and best practice procedures.

Discuss the importance of continuity of operations planning to maintaining health care services and protecting facility staff and the community.

### **ations for CBRNE Incidents (HERO)**

Don and doff PPE.

Process through technical decontamination.

Interpret triage tags.

Perform triage of mass casualty victims.

Perform treatment protocols for a victim of biological agent exposure.

Perform treatment protocols for a victim of chemical agent exposure.

Perform treatment protocols for a victim of radiation exposure.

Perform treatment protocols for a victim of a blast injury.

### **ing for Mass Casualty Incidents (HERT)**

Don and doff PPE.

Process through technical decontamination.

Interpret triage tags.

Perform triage of mass casualty victims.

Perform treatment protocols for a victim of biological agent exposure.

Perform treatment protocols for a victim of chemical agent exposure.

Perform treatment protocols for a victim of radiation exposure.

Perform treatment protocols for a victim of a blast injury.

### **for Highly Infectious Disease (HID)**

Determine infection control barrier precautions and guidelines.

Manage risk of transmission in a patient with a highly infectious disease.
Don personal protective equipment.
Doff personal protective equipment.
Process infectious human remains.
Handle infectious and/or hazardous waste.
Disinfect patient treatment area and equipment.

**Emergency Preparedness (HSEP)**

Determine requirements for a specific supplier or provider in accordance with CMS Emergency Preparedness Requirements for Medicare and Medicaid Participating Providers and Suppliers Rule (Final Rule).
Determine requirements and considerations for conducting a health sector risk assessment in accordance with the best practices and Comprehensive Preparedness Guide 201: Threat and Hazard Identification and Risk Assessment Guide.
Determine requirements and considerations for developing an emergency preparedness plan in accordance with Comprehensive Preparedness Guide 101: Developing and Maintaining Emergency Operations Plans.
Determine requirements and considerations for creating emergency preparedness policies and procedures for a health sector facility consistent with emergency planning principles and best practices.

Determine requirements and considerations for creating a communication plan for a health sector facility consistent with emergency planning principles and best practices.

Determine requirements and considerations for creating the emergency preparedness training and testing (exercising) for a health sector facility consistent with emergency planning principles and best practices.

## **s II: Planning, Response, and Recovery**

Describe the intent, four core elements, and additional requirements of the 2016 Center for Medicare and Medicaid Services Final Rule as updated.

Conduct a hazard vulnerability assessment.

Apply key considerations and best practices to the conduct of emergency operations and incident action planning.

Determine requirements and considerations for creating a communication plan.

Determine requirements and considerations for establishing and maintaining a provider or supplier training and exercise program.

Determine the requirements and considerations for responding to and recovering from a community event.

Given a simulated scenario, make decisions necessary to command and control the response and recovery of a healthcare provider or supplier.

### **for Biological Events (PPMB)**

Identify characteristics of a biological pathogen.

Don maximum barrier precautions.

Doff maximum barrier precautions.

Level 1 Quality of Instruction Modules	Level 1 Quality of Facilitation Modules
<b>PER-202 Field Force Extrication Tools</b>	
Module 1: Overview of Protest Situations	ELA 1: Operating Extrication Tools
Module 2: Protester Devices	ELA 2: Defeating Protester Devices
Module 3: Legal Considerations	ELA 3: Extrication Capstone Exercise
Module 4: The Extrication Team	
Module 5: Current Trends	
<b>PER-200 Field Force Operation</b>	
Module 1: Course Introduction and Overview	ELA 1: Basic Riot Control Squad Formations
Module 2: Overview of Civil Actions	ELA 2: Advanced Riot Control Squad Formations
Module 3: Mass Arrest	ELA 3: Arrest Operations
Module 4: Team Tactics	ELA 4: Capstone Event and Performance Examination
Module 5: Legal Considerations	
Module 6: Protestor Tactics	
Module 7: Crowd Dynamics	
Module 8: Riot Control Protective Equipment	
Module 9: Riot Control Agents	
<b>PER-922 Integrating Communications, /</b>	
Module 1: Introduction	
Module 2: Critical Decision-Making Model	
Module 3: Crisis Recognition	

Module 4: Tactical Communications	
Module 5: Suicide by Cop	
Module 6: Operational Tactics	
Module 7: Integration and Practice	
Module 8: Course Review and Open Forum	

**PER-907 Initial Law Enforcement Response to**

Module 1: Orientation and Introduction	Module 7: Performance Exercises
Module 2: Blast Effects and Safety Measures during Suicide Bombing Attacks	
Module 3: Suicide Bombing Tactics and Techniques	
Module 4: Legal Issues	
Module 5: Response to Active PBIED and VBIED Suicide Bombers	
Module 6: Post-Blast Response to PBIED and VBIED Suicide Bombers	

**PER-264 Law Enforcement Protective Measur**

Module 1: Introduction to the Law Enforcement Protective Measures for Complex Incidents Course.	ELA 1: Law Enforcement Techniques for Complex Incidents.
Module 2: Challenges in Law Enforcement Response to Incidents Involving Hazardous Materials or Weapons of Mass Destruction.	



Module 3: Hazardous Materials and Weapons of Mass Destruction Incident Operations.	
Module 4: Personal Protective Equipment and Decontamination.	

**PER-264-C Nonresident Law Enforcement Prot  
(LEPM)**

Module 1: Introduction to the Law Enforcement Protective Measures for CBRNE Incidents Course	
Module 2: Identification of Terrorist and Extremist Behavior	
Module 3: CBRNE Incident Operations	
Module 4: Personal Protective Equipment and Decontamination	
Module 5: CBRNE Incident Response	
Module 6: Advanced CBRNE Hazard Identification and Response	
Module 7: Course Review and Open Forum	

**PER-265 Law Enforcement Response Acti**

Module 1: Introduction to the Law Enforcement Response Actions for CBRNE Incidents Course	ELA 1: Law Enforcement Techniques in PPE
Module 2: Course Review and Open Forum	ELA 2: Advanced CBRNE Hazard Identification and Incident Response Practical Exercise



Level 1 and 3  
Associated Skills Questions

**Tactics (FFE) and Refresher**

Disperse and remove protesters.

Plan response to a protester device situation.

Defeat a protester device.

Operate extrication saw.

Operate angle grinder.

Operate reciprocating saw.

Operate jackhammer.

Operate rotary hammer.

Operate hand tools.

Operate rebar cutter.

Operate rotary tool.

**Tactics (FFO) and Refresher**

Identify considerations of a protest situation.

Use equipment.

Execute position in crowd control squad formations.

Position yourself within a mass arrest team to apprehend, search, and detain a subject.


**Assessment, and Tactics (ICAT)**

Given a situation, apply critical thinking, problem-solving, and communications skills to de-escalate a situation involving a person in crisis who is unarmed or armed with a weapon other than a firearm while also providing for the safety of the public, fellow responders, and the person perceived to be a threat.

Describe the key principles of the Critical Decision-Making Model.

Explain each of the five steps of the Critical Decision-Making Model.

Explain the principles of threat assessment, including dynamic risk.
Understand and articulate the benefits of the Critical Decision-Making Model.
Use the Critical Decision-Making Model to describe the actions of a police officer handling a critical incident, through a video case study.

**Suicide Bombing Attacks (ILERSBA)**

Describe the impact of safety issues on selecting response options while responding to a suicide bombing incident.
Identify tactics and techniques employed by terrorists when executing suicide bombing attacks and describe the impact this has on initial incident response by law enforcement personnel.
Apply appearance and behavioral indicators to determine probable cause and when the use of force is appropriate.
Safely and effectively respond to person borne and vehicle borne improvised explosive device attacks.
Identify the actions and techniques needed to safely and effectively respond to a post-blast event.
Effectively apply the information and concepts taught in the ILERSBA course in individual exercise scenarios involving potential suicide bombers and improvised explosive devices.

**Procedures for Complex Incidents (LEPM)**

Don and doff personal protective equipment level C.
Assume initial command of a Hazardous Materials or Weapons of Mass Destruction Incident.

Handle a weapon.
Perform weapon retention techniques.
Apply restraint devices.
Preserve hazardous evidence.
Process through technical decontamination.
Perform Individual Actions to Clear a Building/Structure.

**Active Measures for Complex Incidents**

Identify a radiological or nuclear hazard.
Identify an explosive hazard.
Identify a biological hazard.
Identify a chemical hazard.
Don and doff personal protective equipment level C.
Assume initial command of a chemical, biological, radiological, nuclear, or explosive incident.
Preserve hazardous evidence.
Process through technical decontamination.
Assess terrorist and extremist actions.

**Actions for CBRNE Incidents (LERA)**

Identify a Biological Hazard
Identify a Chemical Hazard
Identify an Explosive Hazard
Don and Doff Personal Protective Equipment Level C
Assume Initial Command of a Chemical, Biological, Radiological, Nuclear, or Explosive Incident

Handle a Weapon
Perform Weapon Retention Techniques
Apply Restraint Devices
Preserve Evidence
Process through Technical Decontamination
Identify a Radiological or Nuclear Hazard
<b>s for CBRNE Incidents NYPD (LERA)</b>
Identify a biological hazard.
Identify a chemical hazard.
Identify an explosive hazard.
Identify a radiological or nuclear hazard.
Don and doff personal protective equipment level C.
Assume initial command of a chemical, biological, radiological, nuclear, or explosive incident.
Handle a Weapon
Perform Weapon Retention Techniques
Apply Restraint Devices
Preserve evidence.
Process through technical decontamination.

Level 1 Quality of Instruction Modules	Level 1 Quality of Facilitation Modules
<b>AWR-901-1 Hospital Emergency Response Train Train-the-Trainer (H</b>	
Module 1: Course Instructional Strategies by Module and Activity	Examination: Classroom Instruction Performance Examination
Module 2: Overview of CDP Instructional Policy, Expectations, and Instructional Materials	
Module 3: Course Review and Open Forum	
<b>AWR-358-1 Hazardous Materials Av (HMA Tt]</b>	
Course Instructional Strategies by Module and Activity	
Overview of CDP Instructional Policy, Expectations, and Instructional Materials	
Course Review and Open Forum	
<b>PER-922-1 Integrating Communications, Asses (ICAT Tt]</b>	
Module 1: Course Instructional Strategies by Module and Activity	
Module 2: Instructional Safety and Flexibility	
Module 3: Indirect Trainer Briefing	
Module 4: Course Review and Open Forum	
<b>PER-266 Instructor Training</b>	
Module 1: Welcome and Introductions	Module 5: Deliver Presentation One
Module 2: Instructional Systems Design & Learning Objectives	Module 7: Prepare and Deliver Presentation Two
Module 3: Adult Learning & Instructional Methodologies	Module 9: Prepare and Deliver Presentation Three

Module 4: Instructor Competencies & Communication Skills	
Module 6: Classroom Management & the Use of Technology	
Module 8: Assessment of Student Learning	
Module 10: Course Summary and Graduation	

**PER-264-1 Law Enforcement Protective Measures  
Trainer (LEPN)**

Module 1: Course Instructional Strategies by Module and Activity	
Module 2: Overview of CDP Instructional Policy, Expectations, and Instructional Materials	
Module 3: Course Review and Open Forum	

**PER-320-1 Personal Protective Measures for Biological  
TtT)**

Module 1: Personal Protective Measures for Biological Events Instructional Strategies by Module and Activity	
Module 2: Overview of CDP Instructional Policy, Expectations, and Instructional Materials	
Module 3: Summary and After Action Review	

**PER-908-1 Radiological Series, Tra**

Module 1: Course Introduction	
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Module 2: Modular Emergency Response Radiological Transportation Training (MERRTT)	
Module 3: Adult Learning	
Module 4: FEMA G320-Fundamentals Course for Radiological Response	
Module 5: FEMA G346-Hospital Emergency Department Management of Hazardous Materials	
<b>AWR-160-1 Standardized Awareness Autho (SAAT)</b>	
Module 1: Course Instructional Strategies by Module and Activity	Module 4: Examination: Classroom Instruction Performance Examination

Module 2: Overview of CDP Instructional Policy, Expectations, and Instructional Materials	
Module 3: Course Review and Open Forum	
<b>Trainer Valid</b>	
Module 1: Introduction to the Trainer Validation Course	
Module 2: Course Instructional Strategies by Module and Activity	
Module 3: Overview of CDP Instructional Policy, Expectations, and Instructional Materials	
Module 4: Summary and Open Forum	

Level 1 and 3  
Associated Skills Questions

**ning for Mass Casualty Indidents, Basic  
ERT-B TtT)**

Conduct a Center for Domestic Preparedness Course.

**wareness Train-the-Trainer**

Γ)

Conduct a Center for Domestic Preparedness Course

**smment, and Tactics, Train-the-Trainer**

Γ)

Conduct a Center for Domestic Preparedness Course.

**g Certification (ITC)**

Describe the basics of instructional systems design and the types and characteristics of learning objectives using the course materials.

Apply the principles of advanced adult learning.

Describe different teaching and delivery strategies and identify learning resources.

Demonstrate knowledge and use of the 17 ibstpi instructor competencies while delivering a planned and an unplanned presentation.

Demonstrate advanced communication skills to deliver an effective presentation.

Demonstrate the management of the training environment for learning enhancement utilizing multiple media tools.

Utilize an assessment plan and the tools required to assess student learning outcomes.

Define the roles of Facilitator, Observer, Controller and Evaluator.

**ures for CBRNE Incidents, Train-the-1 TtT)**

Conduct a Center for Domestic Preparedness Course.

**ogical Events, Train-the-Trainer (PPMB**

Deliver Personal Protective Measures for Biological Events instructional elements in accordance with the requirements outlined in the instructional materials and receive a GO on the trainer and facilitator performance examination checklists.

**in-the-Trainer (RAD TtT)**

Describe updates to current standards, regulations, federal guidance documents, and radiological series training curriculum.

Identify current issues in radiological preparedness and their training implications.
Explain the rationale for each course in the FEMA and DOE radiological training series.
Describe key adult learning characteristics.
Differentiate between adult learning styles and preferences and how these factors affect learning.
Identify specific audience needs and concerns when planning, administering, conducting, teaching, and evaluating the course in the field.
Participate in the setup, conduct, and evaluation of an emergency department exercise applying the material taught in the FEMA G346 course.
Conduct training sessions using the DOE MERRTT course materials.
Conduct training sessions using the FEMA G320-Fundamentals Course for Radiological Response course materials.
Conduct training sessions using the FEMA G346-Hospital Emergency Department Management of Hazardous Materials course materials.
Demonstrate through team teaching in innovative ways, an understanding of course content and associated materials, specifically how to adapt materials to audience and special concerns or needs.
Apply principles of adult learning while conducting stand up training.
Demonstrate a variety of training methodologies and facilitation skills while conducting stand up training.
<b>orized Training, Train-the-Trainer</b>
Conduct a Center for Domestic Preparedness Course.


**ation**

Conduct a Center for Domestic Preparedness Course.


Level 1 Quality of Instruction Modules	Level 1 Quality of Facilitation Modules
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**MGT-300 Field Force Comm**

Module 1: History of Riotous Behavior and Lessons Learned	Module 3: Command Post Exercise Planning, Exercise 1
Module 2: Incident Action Plan Development	Module 5: Command Post Exercise Planning, Exercise 2
Module 4: Planning, Training, Intelligence, and Media Relations	Module 9: Force Multipliers and Barrier Exercise
Module 6: Demonstrator Tactics	Module 12: Command Post Exercise
Module 7: Legal Perspectives	
Module 8: Team Tactics	
Module 10: Riot Control Agents and Less Lethal Munitions	
Module 11: Personal Protective Equipment	

**MGT-300-C Field Force Comm**

Module 1: History of Riotous Behavior and Lessons Learned	
Module 2: Planning, Training, and Intelligence	
Module 3: Demonstrator Tactics	

Module 4: Legal Perspectives	
Module 5: Force Multipliers and Barriers	
Module 6: Riot Control Agents and Less Lethal Munitions	
Module 7: Personal Protective Equipment	
<b>MGT-360 Incident Command: Capabilities, P Hazards (I</b>	
Module 1: ICS Fundamentals and Review	Module 10: Planning and Response Exercise
Module 2: Incident Management Considerations and Actions	
Module 3: Preparedness Planning Team	
Module 4: Threat Analysis and Assessment	
Module 5: Target Analysis, Vulnerability, and Risk Assessment	
Module 6: CBRNE Incident Capability Assessment	
Module 7: Incident Response Plan Development	
Module 8: Incident Action Planning Process	



Module 9: Incident Response Scenarios	
<b>MGT-268 Incident Complexities - Responder</b>	
Lane 1A: Principles of Mass Casualty Response	
Lane 1B: Decontamination	
Lane 1C: Scene Survey and Safety	
Lane 1D: CBRN Monitoring and PPE Level C	

Level 1 and 3  
Associated Skills Questions

**id and Planning (FFC)**

Apply lessons learned to current and future incidents involving civil actions or disorders.

Complete an Incident Action Plan (IAP) for a civil action/disorder event.

Describe the tactics protest groups use during a civil action/disorder event that require law enforcement response.

Differentiate between various riot control agents (RCA) and less lethal munitions (LLM) and determine their usage in threat situations, based on the potential liabilities and limitations of each.

Describe the equipment that could be used during a civil action/disorder to provide body and respiratory protection from chemicals.

Associate and apply legal principles and applicable case and statutory law to their positions, as well as their departments' mission in planning and executing the management of civil actions or disorders.

Develop comprehensive strategic and tactic plans for the organization when preparing for special events, civil disorders, and public assemblages.

Describe how team tactics can be used to mitigate protestor actions during a civil disorder event.

Apply available force-multiplier options based on the purposes and circumstances surrounding their deployment.

Apply the key concepts of civil actions described in this course to manage the incidents in a tabletop scenario.

**and: Executive (FFCE)**

Associate and apply legal principles and applicable case and statutory law to their positions, as well as their departments' mission in planning and executing the management of civil actions or disorders.

Apply available force multiplier options based on the purposes and circumstances surrounding their deployment.

Differentiate various Riot Control Agents (RCA) and Less Lethal Munitions (LLM) and determine their usage based on the potential liabilities and limitations of each.

Describe the equipment that could be used during a civil action/disorder to provide body and respiratory protection from chemicals.

**Planning and Response Actions for All C)**

Identify the complexities of management and decision making during a CBRNE incident in accordance with NIMS and HAZWOPER, 29 C.F.R. § 1910.120.
Select preparedness planning team representatives consistent with the NIMS.
Conduct a terrorist threat analysis and resulting assessment in accordance with the U.S. Department of Justice’s (DOJ) Office of Justice Programs’ Assessment and Strategy Development Tool Kit and Assessing and Managing the Terrorism Threat.
Conduct a terrorist analysis, target vulnerability assessment, and risk assessment in accordance with the National Infrastructure Protection Plan (NIPP), and the DOJ’s Office of Justice Programs’ Assessment and Strategy Development Tool Kit and Assessing and Managing the Terrorism Threat.
Conduct a capability assessment consistent with Homeland Security Presidential Directive-8 (PPD-8), NIMS, National Preparedness Guidelines (NPG), Target Capabilities List (TCL), and Target Capabilities List User Guide.
Develop an IRP to reflect critical response actions for a potential CBRNE incident consistent with the principles and concepts of the NRF and NIMS.
Describe the planning process and Incident Command System (ICS) forms used for developing an Incident Action Plan (IAP) consistent with NIMS/ICS principles and concepts.
Make management level decisions consistent with NIMS principles and concepts.

Demonstrate management level decision making in response to a CBRNE incident in an interactive scenario driven table top exercise based upon information developed during a preparedness planning, risk and capabilities assessments, and incident response planning for a CBRNE incident in an urban environment.

**Actions for CBRNE Incidents (ICR)**

Explain the mechanics of a CBRNE response, including triage, decontamination, scene survey, and monitoring operations.


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**AWR-922-W Environmental Health Training  
Awareness L**


**PER-271-DL Emergency Medical Response  
(EMRA-DL)**



**AWR-358-DL Hazardous Materie**


**AWR-358-DL-R Hazardous Materieals Av**


Level 1  
Associated Skills Questions

**g in Emergency Response (EHTER):  
level**

Define the roles and responsibilities of the EHR during emergency response.

Identify adverse environmental health impacts caused by emergencies and disasters.

Recognize the key emergency preparedness initiatives and activities that are performed at the national level, and within other state and local jurisdictions.

Refer to resources available to improve knowledge, skills, and abilities to respond to various emergencies and disasters.

Select environmental health responder safety considerations and procedures for an incident response.

Define the role of Environmental Health in protecting potable water supply systems before, during, and after emergencies and disasters.

Define the role of Environmental Health in wastewater disposal and treatment before, during, and after emergencies and disasters.

Define the role of Environmental Health in ensuring food safety before, during, and after emergencies and disasters.

Define the role of Environmental Health in conducting building assessments following emergencies and disasters.

Recognize debris management issues encountered during and following disasters.

Recognize problems and effective procedures to control vector and pest issues following a disaster.

Define Environmental Health responsibilities for establishing, monitoring, and ensuring safety in shelters.

Define Environmental Health responsibilities in response to a radiation incident.

**Awareness for CBRNE Incidents  
L)**

Identify a chemical hazard.

Identify a biological hazard.

Identify a radiological or nuclear hazard.

Identify an explosive hazard.

Perform triage of mass casualty victims.
Identify treatment protocols for victims of chemical agent exposure.
Identify treatment protocols for victims of biological agent exposure.
Identify treatment protocols for victims of radiation exposure.
Identify treatment protocols for blast injury.

**als Awareness (HMA-DL)**

Identify hazardous materials and weapons of mass destruction.
Identify and implement awareness-level personal and public protective actions.

**wareness Refresher (HMA-DL-R)**

Identify hazardous materials and weapons of mass destruction.
Identify and implement awareness-level personal and public protective actions.



Level 1 Quality of Instruction Modules	
<b>PER-271 Emergency Medical Response A (EMRA) VI</b>	
Module 1: Introduction to Emergency Medical Response Awareness for CBRNE Incidents Course	
Module 2: Overview of CBNRE Threats	
Module 3: Triage and Lifesaving Interventions	
Module 4: Clinical Assessment and Treatment for Exposure to Pathogens	
Module 5: Clinical Assessment and Treatment for Exposure to Chemicals	
Module 6: Clinical Assessment and Treatment for Exposure to Radiation	
Module 7: Clinical Assessment and Treatment of Blast Injury	
Module 8: Course Review and Open Forum	
<b>AWR-336 Health Sector Emergency</b>	
Module 1: Health Sector Emergency Preparedness Course Introduction	
Module 2: Emergency Preparedness Rule Overview	
Module 3: Risk Assessment and Emergency Planning	
Module 4: Policies and Procedures	
Module 5: Emergency Preparedness Communication Planning	
Module 6: Training and Testing (Exercising)	

Module 7: Course Review and Open Forum	
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Level 1 Quality of Instruction Modules	Level 1 Quality of Facilitation Modules
<b>MGT-902 Managing Public Information</b>	
Module 1: Introduction to the Managing Public Information for All Hazards Incidents Course	Module 6: Risk Communication Exercise
Module 2: Public Information for All Hazards Incidents	Module 9: Writing Exercise
Module 3: Emergency Management and the Public Information Officer	Module 11: Press Conference Exercise
Module 4: Emergency Communication Methods	Module 13: Practice Exercise
Module 5: Media Relations and Press Conferences	Module 15: Emergency Public Information Exercise
Module 7: Interpersonal Skills for Public Information Officer	
Module 8: Communicating Effectively in an Emergency	
Module 10: Legal Issues in Public Information	
Module 12: Public Information Functions	
Module 14: Strategic Communications and Planning	
<b>AWR-160 Standardized Awar</b>	

Module 1: Prevention and Deterrence	
Module 2: Identification of Hazardous Materials and the ERG	
Module 3: Chemical Agents	
Module 4: Biological Agents	
Module 5: Radiological Material and Nuclear Weapons	
Module 6: Explosive Devices	

Level 1 and 3  
Associated Skills Questions

**for All Hazards Incidents (MPI)**

Illustrate the multiple roles of the PIO and the media in planning for and responding to an emergency.

Understand National Incident Management System (NIMS), Incident Command System (ICS), and their correlation with the emergency response system.

Construct and deliver an appropriate crisis and emergency risk message, given a disaster scenario.

Foster effective relationships with the media and develop and execute press conferences.

Determine what risk information is appropriate and the most effective means of communicating it to the public.

Identify the interpersonal skills needed to be an effective PIO and to put into use strategies for improving day-to-day relationships.

Identify and write different types of PIO products.

Understand various issues that should be taken into consideration when communicating with the public, including common communication failures, media requirements, and needs associated with the PIO.

Communicate effectively with the media on camera during an emergency.

Recognize various legal aspects associated with emergencies and public information.

Identify a Joint Information Center (JIC), its organization, and its role during an emergency response.

Establish and operate comfortably within a JIC during an incident.

Illustrate physical and emotional stress reactions and how an organization and an individual can recognize and reduce those reactions.

Gather, verify, coordinate, and disseminate public information in an incident from a JIC.

**ness Training (SAT)**

Identify terms and concepts that are applicable to the prevention and deterrence of terrorist and CBRNE incidents.
Identify hazardous materials, hazard classes, and response information using the Emergency Response Guidebook (ERG).
Discuss selected chemical agents including the physiological signs and symptoms of exposure, potential sources, indicators of an attack, and physical characteristics.
Discuss selected biological agents, including the physiological signs and symptoms of exposure, potential sources, indicators of an attack and physical characteristics.
Discuss radiation and radiological materials.
Discuss explosives, including the characteristics and the effects of a detonated explosive device.



Level 1 Quality of Instruction Modules	Level 1 Quality of Facilitation Modules
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**PER-905 Advanced Radiological In**

Module 1: Radiological Concepts	Module 12: Team Exercises
Module 2: Advanced Radiological Concepts	Module 13: Final Exercises
Module 3: Instrumentation	
Module 4: Advanced Instrumentation	
Module 5: Advanced Nuclear Power Plants	
Module 6: Radiological Terrorism	
Module 7: Intermediate/Ingestion Phase	
Module 8: Incident Action Planning	
Module 9: Radiological Transportation	
Module 10: Radiological Technologies	
Module 11: Advanced Radiological Technologies	

**PER-316 Radiological Emergency Preparedness (RAAC)**

Module 1: Course Overview	Module 6: Table Top Exercise Part 1: Plume Phase
Module 2: Atmospheric Dispersion Meteorology	Module 10: Table top Exercise: Post Plume Phase
Module 3: Early Phase Dose Projection Procedures	

Module 4: Field Team Dose Projection Validation	
Module 5: RASCAL Comparison: Early Phase	
Module 7: EPA Relocation PAGs and DRLs	
Module 8: FDA PAGs and DILs and EPA Drinking Water PAGs and DRLs	
Module 9: RASCAL Comparison and Excel Lab: Intermediate Phase	
Module 11: Improvised Nuclear Devices, Radiological Dispersion Devices, and Radiological Exposure Devices	
Module 12: Course Summary	

**PER-316-C Radiological Emergency Preparedness Course (RAE)**

Module 1: Course Overview	
Module 2: Principles of Atmospheric Dispersion	
Module 3: Early Phase Dose Projection Procedures	
Module 4: Field Team Dose Projection Validation	
Module 5: EPA Relocation PAGs and DRLs	
Module 6: FDA PAGs and DILs and EPA Drinking Water PAGs and DRLs	
Module 7: Excel Lab for the Intermediate Phase	

Module 8: Improvised Nuclear Devices, Radiological Dispersion Devices, and Radiological Exposure Devices	
Module 9: Course Summary, Post-Test, & Course Evaluation	

**AWR-317 FEMA REP Core Co**

Module 1: Introduction and Course Overview	
Module 2: Technical Basis of the REP Program	
Module 3: Basis of the REP Program	
Module 4: REP Regulations and Guidance	
Module 5: REP Planning Standards and Guidance	
Module 6: REP Program Policies and Guidance	
Module 7: Course Summary	

**AWR-318 Radiological Emergency Preparedness**

Introductions & Course Overview	PCA/DIR Coordination Tabletop Exercise (TTX)
Preliminary Capabilities Assessment (PCA) and Disaster Initiated Review (DIR) Background	



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**AWR-327 Radiological Emergency Preparedness  
(RECC)**

Module 1: Introduction	
Module 2: Basic REP Review	
Module 3: Pre-Exercise	
Module 4: During the Exercise and Post-Exercise	
Module 5: Course Summary	

**PER-314 Radiological Emergency Preparedness  
(REEC)**

Unit 1: Introductions	
Unit 2: REP Concept Review	
Unit 3: Pre-Exercise	
Unit 4: During the Exercise	
Unit 5: Post Exercise	
Unit 6: Video-based Activities	
Unit 7: Cumulative Exercise and Course Wrap-Up	

**PER-904 Radiological Emergency Response**

Module 1: Radiological Concepts	Module 4: Instrumentation Round Robin Exercise
Module 2: Radiological Response Team Operations	Module 11: Team Exercises
Module 3: Instrumentation	Module 12: Final Exercise

Module 5: Nuclear Power Plants	
Module 6: Surveying and Monitoring	
Module 7: Personal Protective Equipment and Decontamination	
Module 8: Reception Center/MS1	
Module 9: Radiological Transportation	
Module 10: Radiological Technologies	

**PER-316 Radiological Emergency Preparedness (**

Module 1: Radiological Concepts and Biological Effects	ELA 1: Early Phase Field Monitoring Exercise
Module 2: Commercial NPP Incident Response	ELA 2: Intermediate Phase Sampling Exercise
Module 3: Introduction to Field Operations	
Module 4: Radiological Exposure Control, Dose Limits, and Dosimeters	
Module 5: Canberra UltraRadiac & UltraRadiac Plus Electronic Dosimeter	
Module 6: RadResponder	

Module 7: Field Monitoring with the Ludlum14C	
Module 8: Field Monitoring with the Ludlum 2241-3	
Module 9: RAdECo H810DC Air Sampler	
Module 10: Air Sampling for Nuclear Power Plant Incidents	
Module 11: Intermediate Phase Surveying and Monitoring	
Module 12: Intermediate Phase Sampling	
Module 13: Sample Transfer	
Module 14: Demobilization: EW Decontamination and Checking in Dosimetry	
<b>PER-352 Radiological Emergency Preparedness</b>	
Module 1: Introductions and Course Overview	
Module 2: Conducting REP Plan Review Methodology Overview—PS-G Public Education and Information	

Module 2.01: Conducting REP Plan Review—PS-D Emergency Classification System	
Module 2.02: Conducting REP Plan Review—PS-E Notifications Methods and Procedures	
Module 2.03: Conducting REP Plan Review—PS-I Accident Assessment	
Module 2.04: Conducting REP Plan Review—PS-J Protective Response	

**AWR-351 Radiological Emergency Preparedness**

Admin 1: Introduction & Course Overview	
Module 2: REP Program Essentials	
Module 3: Ingestion OROs Plume (Emergency/Early) Phase – Responsibilities/Actions	



<p>Module 4: Ingestion OROs Post-Plume (Intermediate) Phase – People Interventions</p>	
<p>Module 5: Ingestion OROs Post-Plume (Intermediate) Phase – Ingestion Interventions</p>	
<p>Module 6: Recovery (Late) Phase</p>	
<p><b>MGT-453 Radiological Emergency Preparedness (RPPP)</b></p>	
<p>Module 1.0: Introductions &amp; Course Overview</p>	

Module 2.0: Review of NUREG-0654 Planning Standard "P" – Responsibility for the Planning Effort; and Review Planning Standard "M" – Recovery and Reentry Planning and Post-Accident Operations	
Module 3.0: Radiological Incident Phases	
Module 4.0: Post-Plume (Intermediate) Phase—Common Incident Response Capabilities	
Module 5.1: People Interventions (Relocation)	
Module 5.2: People Interventions (Reentry)	
Module 5.3: People Interventions (Return)	
Module 6.0: Ingestion Interventions	
Module 7.0: Overview of Recovery (Late) Phase	
Module 8.0: Summary Review of NUREG-0654 Planning Standard "N"—Exercises and Drills	
<b>MGT-445 Radiological Emergency Preparedness</b>	
Module 1: Introductions and Course Overview.	
Module 2: Emergency Planning Fundamentals.	

Module 3: NUREG Planning Standard “P”.	
Module 4: REP Plan Review Methodology & NUREG Planning Standards Overview.	
Module 4.1: REP Plan Review – Plume, Exposure, Pathway, and Exercises.	
Module 4.2: REP Plan Review – Ingestion Exposure Pathway Exercises	
Module 4.3: REP Plan Review – Hostile Action Base (HAB) Exercises	
Module 4.4: REP Plan Review – Accident Assessment and Medical Services Drills	
Module 5: Course Summary and Final Exam	

Level 1 and 3  
Associated Skills Questions

**Incident Operations (ARIO)**

Identify radiological terms, hazards, methods of protection, and the physiological effects of radiation.

Describe advanced radiological concepts, including radiological hazards, methods of protection, and the physiological effects of radiation.

Recommend appropriate instruments for use in the field.

Select the appropriate radiation detection instruments in response to a radiological incident.

Describe the potential hazards at a commercial nuclear power plant incident.

Describe the response roles and functions of agencies responding to a commercial nuclear power plant incident.

Discuss the actions required within plans and procedures during the Intermediate/Ingestion Phase of a nuclear power plant incident.

Develop an IAP for a radiological incident in accordance with National Incident Management System (NIMS).

Assess packages for Radioactive Material (RAM) contents.

Describe radiological technologies that can assist in response decision making during an incident involving radiological materials.

Describe advanced radiological technologies that can assist in response decision making during an incident involving radiological materials.

Implement the four phases of response to a radiological incident.

Perform specified tasks within the ICS.

**REP Accident Assessment Course**

Describe the preventive and protective measures

Describe an effective strategy for vectoring or assisting field monitoring teams

Perform dose assessment

Project doses at various distances and exposure times
Evaluate early or immediate phase projected exposures
Make recommendations to decision makers
Develop appropriate protective actions or measures
Formulate or revise strategies concerning relocation, reentry, or return
Develop response strategies and recommendations

**ss (REP) Accident Assessment Refresher  
AR)**

Calculate air concentrations of radioactive materials based on release rates and meteorological conditions.
Calculate projected radiation doses to members of the public and emergency workers resulting from a radiological incident based on release rates and meteorological conditions.
Calculate projected radiation doses to members of the public and emergency workers resulting from a radiological incident based on actual field data.
Calculate longer term (intermediate phase) doses to members of the public from wide-spread deposited radioactive material
Determine if foodstuffs exceed federal limits or guidelines for radiological contamination.
Determine if drinking water exceeds federal limits or guidelines for radiological contamination.
Formulate protective action recommendations for the early phase of a radiological incident.


**Concepts Course (RCCC)**

Understand the terminology associated with the technical basis of the REP Program.
Identify types of radiation, reactors, barriers to a release of radioactive material from
a NPP, radioactive material, exposure pathways and dispersion.
Identify the history and establishment of the REP Program, including pivotal events
from past accidents incidents and natural disasters.
Identify the regulatory requirements and guidance requirements that apply to the REP program.
Identify key DHS national preparedness doctrine impacting the REP Program.
Describe the purpose of REP Assessment activities.
Describe the common metrics used to evaluate a REP Program activity during the
biennial assessment period in terms of objectives, capability targets, and core
capabilities.
Summarize the purpose, process, and structure of REP exercise evaluation.
Understand FEMA’s mechanism for making a reasonable assurance determination.

**(REP) Disaster Initiated Review (RDIR)**

Explain the REP Program Planning and Preparedness Assessment Strategy and how the PCA/DIR relates to this approach.
Describe the impacting events which may warrant the implementation of the PCA/DIR guidelines.

Describe the development history of the PCA/DIR process.
Describe the authoritative documents which provide guidelines/procedures and protocols for assuring the adequacy of the offsite emergency preparedness infrastructure and capabilities in the 10-mile plume emergency planning zone (EPZ).
Describe the coordination and responsibilities between the Federal Emergency Management Agency (FEMA) and the Nuclear Regulatory Agency (NRC) in assessing the status of offsite Emergency Preparedness (EP) capabilities as they relate to FEMA's determination of continued reasonable assurance that appropriate measures can be taken to protect the public health and safety in the event of a radiological emergency at a NRC-licensed commercial nuclear power plant (NPP).
Describe the coordination and responsibilities between FEMA and the State, Local, Utility, and Tribal Offsite Response Organizations (OROs) in assessing the status of offsite Emergency Preparedness (EP) capabilities as they relate to FEMA's determination of continued reasonable assurance that appropriate measures can be taken to protect the public health and safety in the event of a radiological emergency at a NRC-licensed commercial nuclear power plant (NPP).
Describe the responsibilities, procedures and protocols for the accomplishment of a Preliminary Capabilities Assessment (PCA).
Describe the responsibilities, procedures and protocols for the accomplishment of a Disaster Initiated Review (DIR).
Perform numerous functions and access features on <a href="https://www.RadResponder.net">https://www.RadResponder.net</a> website, and mobile app.
Perform as a coordinated member of the PCA\DIR Team in an ORO-Specific Table-Top Exercise (TTX). (Optional)

Develop an ORO-specific Standard Operating Procedure (SOP) to provide procedures and guidelines for coordination between affected jurisdictions when conducting a PCA or DIR. To be used for determining the status of offsite emergency preparedness (EP) and its impact on continued reactor operations or restart activities, following a malevolent act, natural disaster (e.g., hurricane, tornado, flood, storm, earthquake) in the vicinity of an NRC-licensed nuclear power plant.

### **ess (REP) Exercise Controller Course**

Describe the fundamentals of the Radiological Emergency Preparedness (REP) Exercise process.

Describe Controller responsibilities, and apply research tools and techniques in preparation for a controller assignment.

Describe appropriate Controller conduct during a REP exercise and immediately after ENDEX.


### **ess (REP) Exercise Evaluator Course**

Describe REP core concepts that are the foundation for exercise evaluation.

Describe the responsibilities of Exercise Evaluators before, during, and after an exercise.

Demonstrate how to prepare for, observe, and document exercise observations.


### **esponse Operations (RERO)**

Identify radiological terms, hazards, methods of protection, and the physiological effects of radiation.

Describe the dynamics and operations of a Radiological Response Team (RTT) as it relates to the Incident Command System (ICS).

Recommend appropriate instruments for use in the field.



Perform operational checks for dosimeters and radiation equipment prior to responding to a radiological incident site.
Explain the workings of a nuclear power plant including the nuclear fuel cycle.
Properly survey and monitor for radiation, collect samples for analysis, and complete the associated forms during a response to an emergency incident involving radiation.
Properly don and doff personal protective equipment (PPE) to demonstrate the proper decontamination methods used during the response to a radiological incident.
Identify the role and duties of the Reception Center.
Assess packages for radioactive materials (RAM) contents.
Describe radiological technologies that can assist in response decision making during an incident involving radiological materials.

**(REP) Field Operations Course (RFOC)**

Recall why it is important to keep emergency worker dose to a minimum (and below EPA-recommended dose limits) while accomplishing the mission through an understanding of radiation characteristics, dose limiting techniques, and contamination control
Able to describe how commercial NPPs generate power and the safety measures that protect area surrounding those facilities.
Demonstrate how emergency workers mobilize to perform the responsibilities of a Field Monitoring Team responding to a commercial NPP radiological incident.
Describe the means for controlling radiation doses consistent with EPA emergency worker guidelines.
Effectively use the UltraRadic dosimeter (or equivalent) to ensure they do not exceed accumulated dose limits, per the EPA Emergency Worker and Lifesaving Activity Protective Action Guides (PAGs).
Use RadResponder.

Use the Fluke 451B Survey Meter (or equivalent) to detect gamma ray radiation as part of conducting a rapid assessment of the actual or potential magnitude and locations of a radiological hazard.

Interpret readings from the Ludlum 14C (or equivalent) to determine the presence and quantity of contamination on surfaces and determine exposure rates.

Describe how to successfully set up, operationally-check, and operate the Ludlum 2241-3 Survey Meter (or equivalent) with the associated detectors to detect beta/gamma-emitting contamination on personnel down to levels specified in FEMA REP-22, and to perform various Field Monitoring Team surveys.

Setup, operationally-check, and operate the H810DC Air Sampler (or equivalent).

Detect and measure radioiodine concentrations in the air in the plume exposure EPZ as low as  $10^{-7}$   $\mu\text{Ci/cc}$  (microcuries per cubic centimeter) under field conditions.

Perform monitoring and surveying during the intermediate phase and describe where survey results fit into the overall assessment.

Collect and document soil, vegetation, and water samples without cross-contamination.

Properly perform all sample transfer procedures.

Monitor emergency workers for the presence of contamination, process them for decontamination, and check in dosimetry equipment.

Perform the role and responsibilities of an emergency worker as part of a Field Monitoring Team during the Plume/Early Phase of a commercial NPP incident.

Perform the role and responsibilities of a member of a Sampling Team during the Post-Plume/Intermediate Phase of a commercial NPP incident.

### **ss (REP) Plan Core Concepts (RPCC)**

Review NUREG-0654/FEMA REP-1, Rev. 1 guidance of planning standards and applicable evaluation criteria.

Evaluate the OROs Radiological Emergency Response Plans and implementation procedures based on the intent of the applicable NUREG-0654/FEMA REP-1, Rev. 1 planning standards and evaluation criteria.

Propose revisions to the OROs Radiological Emergency Response Plans and implementation procedures based on the intent of the applicable NUREG-0654/FEMA REP-1, Rev. 1 planning standards and evaluation criteria.

### **s (REP) Post-Plume Awareness (RPPA)**

Describe the essential purpose of the REP Program’s offsite planning and preparedness assessment strategy and discuss the coordination of the National effort to provide State, local, and Tribal governments with relevant and executable planning, training, and exercise guidance and policies necessary to ensure that adequate capabilities exist to prevent, protect against, mitigate the effects of, respond to, and recover from incidents involving NRC-licensed commercial nuclear power plants (NPPs).

Describe the roles and responsibilities of the Federal & State agencies, 50-mile ingestion exposure pathway EPZ, and Offsite Response Organizations (OROs) involved in the adequate protection of the health and safety of the public during the Plume (Emergency/Early) phase of a radiological incident at a NRC-licensed commercial NPP.

Describe the coordination and communication of the Federal & State agencies, 50-mile ingestion exposure pathway counties, and Offsite Response Organizations (OROs) involved in the adequate protection of the health and safety of the public during the Post-Plume (Intermediate) phase of a radiological incident at a NRC-licensed commercial NP.

Characterize the US Environmental Protection Agency (EPA) Protective Action Guides (PAGs) which provide guidance to Federal, State, Tribal, and local agencies when supporting emergency response planning and implementation of protective actions (e.g. relocation, reentry, and return) associated with “People” interventions during the Post-Plume (Intermediate) phase of a radiological incident at a NRC-licensed commercial NPP.

Compose planning elements related to actions and decisions to be made during the Post-Plume (intermediate) phase concerning the implementation of protective actions associated with interventions (e.g. relocation, reentry, and return) which address and are consistent with EPA Guidelines.

Characterize the US Food and Drug Administration (FDA) Protective Action Guides (PAGs) which provide guidance to Federal, State, Tribal, and local agencies when supporting emergency response planning and implementation of protective actions associated with “Ingestion” interventions during the Post-Plume (Intermediate) phase of a radiological incident at a NRC-licensed commercial NPP.

Compose planning elements related to actions and decisions to be made during the Post-Plume (intermediate) phase concerning the ingestion exposure pathway implementation of protective actions associated with interventions which address and are consistent with FDA Guidelines.

Describe and identify the recovery strategies, coordination and communication conducted by State and local agencies with Federal resources during the Late Phase of a radiological incident at a NRC-licensed commercial NPP.

## **is (REP) Program Post-Plume Planning**

Describe the responsibilities for plan development, review, and for distribution of emergency plans as detailed in NUREG-0654/FEMA-REP-1, Rev. 1 Planning Standard “P” and the Evaluation Criteria.

Identify the Federal assets and resources that would be available during the intermediate and late phases of a radiological incident at a NRC-licensed commercial nuclear power plant.

Utilize RPPP scenario generated DOE/NNSA NARAC Emergency Response Consequence Management information and products to assist in planning considerations.

Assess the participant Offsite Response Organization's (ORO's) Radiological Emergency Response plans (RERP) and implementation procedures, to ensure the plan meets the intent of the NUREG-0654 FEMA-REP-1, Rev.1 Planning Standards and Evaluation Criteria.

Propose revisions to their OROs RERP, to ensure the plans and procedures meets the intent of the NUREG 0654 FEMA-REP-1, Rev.1 Planning Standards and Evaluation Criteria.

Assess the anticipated effectiveness of the emergency response plan section and applicable implementation procedures in meeting the demonstration criteria used during a post-plume phase Radiological Emergency Preparedness (REP) Program exercise.

**Preparedness (REP) Plan Review (RPPR)**

Describe the emergency planning fundamentals, outlined in the Comprehensive preparedness Guide (CPG-101) planning process.

Identify the skills needed to develop a properly formatted emergency operation plan and procedures.

Describe the responsibilities for plan development, review, and for distribution of emergency plans as detailed in NUREG Planning Standard “P” and the Planning Standards.

Describe their knowledge and use of effective methodologies during plan review and revision when addressing specific NUREG Planning Standard Criterion, e.g., E.2, E.4, G.1, K.4, M.1, J.11, I.6, L.1, and N.4.d.

Assess their Offsite Response Organization’s (OROs) Radiological Emergency Response Plan/Procedures (RERP), to ensure the plan meets the intent of the NUREG Planning Standard Criterion.

Assess the anticipated effectiveness of the emergency response plan section and applicable implementation procedures in meeting the capability targets used during a Radiological Emergency Preparedness (REP) Program exercise.

Propose revisions to their Offsite Response Organization’s (OROs) Radiological Emergency Response Plan/Procedures (RERP), to ensure the plan meets the intent of the NUREG Planning Standard Criterion.

Describe their knowledge and identify skills needed to complete a review of their Offsite Response Organization's (OROs) Radiological Emergency Response Plan/Procedures (RERP) when considering a Hostile Action-Based (HAB) Scenario against a commercial nuclear power plant.

Propose revisions to their Offsite Response Organization's (OROs) Radiological Emergency Response Plan/Procedures (RERP), to ensure the plan meets the intent of the NUREG Planning Standard Criterion for a Hostile Action-Based (HAB) Scenario against a commercial nuclear power plant.

Level 1 Quality of Instruction Modules	Level 1 Quality of Facilitation Modules
<b>AWR-348 Office for Bombing Prevention (OBP) Awareness Course (BPAC)</b>	
Mod 1. Course Introduction and Overview	
Mod 2. Improvised Explosive Device (IED) Construction and Classification	
Mod 3. Homemade Explosive (HME) and Precursor Awareness	
Mod 4. IED Explosive Effects and Mitigation	
Mod 5. Introduction to the Terrorist Attack Cycle	
Mod 6. Response to Suspicious Behaviors and Items	
<b>MGT-450 Bomb-Making Materials Awareness Community Liaison Course</b>	
Mod 1. Course Introduction	ELA1. Practical
Mod 2. Program Overview	
Mod 3A. Commercially Available Products Used in BMM and IED Construction	
3B. Commercially Available Products Used in BMM and IED Construction	
4. Recognizing and Reporting Suspicious Activity, Behaviors, and Purchases	
5. BMAP Resources and Outreach	
Mod 6. Course Summary	
<b>MGT-451 Bomb Threat Management (E</b>	
Mod 1. Course Overview and Introduction	ELA1. (Mod 4) Capstone Activity: Developing a Bomb Threat Management Plan

Mod 2. Risk Management	
Mod 3A. Bomb Threat Management Plan Development, Part A	
3B. Bomb Threat Management Plan Development, Part B	
<b>PER-312 Office for Bombing Prevention (OBP) Vehicle Inspection Course (VIC)</b>	
Mod 1. Course Introduction and Overview	ELA1. Vehicle Inspection Capstone Exercise
Mod 2. Vehicle-Borne Explosive Threat Overview	
Mod 3. Identifying Vehicle-Borne Explosive Hazards	
Mod 4. Assessment of Vehicles and Occupant Behavior	
Mod 5. The Vehicle Inspection Process	
<b>PER-336 Office for Bombing Prevention (OBP) Protective Measures Course (PMC)</b>	
Mod 1. Course Introduction and Overview	ELA1. (Mod 6) Selecting Appropriate Protective Measures
Mod 2. Identifying Risk to Determine Protective Measures	
Mod 3. IED Explosive Effects	
Mod 4. Protective Measures to Mitigate Risk	
Mod 5. Determining Appropriate Protective Measures for IED Threats	
<b>PER-339 Office for Bombing Prevention (OBP) IED Search Procedures Course (ISC)</b>	
Mod 1. Course Introduction and Overview	ELA1. Search Capstone Exercise
Mod 2. Understanding the Hazards	



Mod 3. Overview of Bomb Threat Management Search Concepts	
Mod 4. Preparing for a Search	
Mod 5. Conducting the Search	

**PER-346 Surveillance Detection for Bom**

Mod 1. Course Introduction and Overview	ELA1. Vulnerability Assessment Activity
Mod 2. Overview of Hostile Operations	ELA2. Detection Fundamentals Activity
Mod 3. Vulnerability Assessment	ELA 3. Capstone Activity
Mod 4. Hostile Surveillance Requirements	
Mod 5. Surveillance Detection Requirements and Fundamentals	
Mod 6. Reporting and Response	
Mod 7. Compromise and Deployment	

**PER-916 Multi-Jurisdiction Improvised Explosive  
Planning (MJIEDSP) Works**

Mod 1. Workshop Introduction and Overview	ELA1. (Mod 3) Table-top Scenarios
Mod 2. Threat Brief	

Level 1 and 3  
Associated Skills Questions

**3) Bombing Prevention**

)

Evaluate improvised explosive devices

Identify explosive effects

Identify homemade explosives

Evaluate the terrorist attack cycle

Identify indicators of suspicious behaviors and items

**4) Business Program (BMAP)**

ie

Recognize commercially available products used in IED construction

Recognize suspicious behaviors and indicators

Describe BMAP resources and outreach

Describe how to effectively develop and deliver successful BMAP outreach events

**5) 3TM) Planning**

Conduct a vulnerability assessment of an assigned scenario (school, hospital, or mass gathering).

Determine the appropriate management method for each risk identified in the vulnerability assessment.

Develop a BTM plan.

## **Vehicle-Borne Improvised in Course**

Assess Terrorist, Extremist, and Criminal Actions

Identify Explosive Hazards

Identify Indicators of Suspicious Behavior and Suspicious Vehicles

Identify Vehicle Inspection Parameters

Conduct a Vehicle Inspection

## **) Protective Measures**

Identify risk to determine protective measures

Identify explosive effects

Identify protective measures to prevent and minimize risk

Determine appropriate protective measures for IED threats

Select appropriate protective measures

## **Improvised Explosive Course**

Identify IED Hazards

Identify bomb threat management search concepts

Prepare for an IED Search

Identify IED Search Safety Precautions

Describe IED Search Procedures

Conduct IED Search

**ing Prevention**

Match terrorist operational tactics to the terrorist attack cycle step in which they occur

Apply the DHS risk management process as it applies to surveillance detection

Conduct a modified vulnerability assessment

Identify the requirements for hostile surveillance

Describe the fundamentals of surveillance detection

Identify hostile surveillance and surveillance detection positions

Identify the components of the reporting and response elements of the surveillance detection plan

Identify the aspects to maintaining operational security

Detect and report hostile surveillance

**osive Device Security**

**hop**

Prevent, Protect Against, Mitigate and Respond to Complex-Coordinated IED Attack

Level 1 Quality of Instruction Modules	Level 1 Quality of Facilitation Modules
<b>AWR-333 Improvised Explosive Device (IED) Classification</b>	
Mod 1. Course Intro	
Mod 2. Improvised Explosive Device (IED) Construction and Classification	
Exam. Post Test	
<b>AWR-334 Introduction to the Terrorist</b>	
Mod 1. Course Intro	
Mod 2. Introduction to the Terrorist Attack Cycle	
Exam. Post Test	
<b>AWR-335 Response to Suspicious Behaviors and Prevention</b>	
Mod 1. Course Intro	
Mod 2. Response to Suspicious Behaviors and Items	
Exam. Post Test	
<b>AWR-337 Improvised Explosive Device (IED) Mitigation</b>	

Mod 1. Course Intro	
Mod 2. Improvised Explosive Device (IED) Explosive Effects and Mitigation	
Exam. Post Test	

**AWR-338 Homemade Explosives and Prec**

Mod 1. Course Intro	
Mod 2. Homemade Explosive (HME) and Precursor Awareness	
Exam. Post Test	

**AWR-340 Protective Measures Av**

Mod 1. Course Intro	
Mod 2. Protective Measures Awareness	
Exam. Post Test	

**AWR-940 Surveillance Detection Princ**

Mod 1. Overview of Hostile Operations	
Mod 2. Vulnerability Assessment and Hostile Surveillance Requirements	
Mod 3. Surveillance Detection Requirements and Fundamentals	
Mod 4. Reporting, Responding, Compromise, and Deployment	
Exam. Post Test	

Level 1 and 3  
Associated Skills Questions

**) Construction and**

Define IED.

Identify an IED by recognizing its components through use of the SIMPC-E acronym.

Distinguish between the three IED categorizations and four delivery methods.

**t Attack Cycle**

Define the terms "terrorism" and "terrorist"

Identify the steps of the terrorist attack cycle in order

Identify basic ways to possibly counter a potential terrorist attack before it happens

**nd Items for Bombing**

Distinguish between normal behavior and the indicators of suspicious behavior.

Distinguish between physical characteristics that cannot be easily changed and characteristics that can be easily changed.

Distinguish between unattended and suspicious items.

Describe the appropriate responses to suspicious behaviors.

Describe the appropriate responses to unattended items.

Describe the appropriate responses to suspicious items.

**Explosive Effects and**



Describe the difference between blast, thermal, and fragmentation effects.

Identify and differentiate the components of the blast wave resulting from an IED detonation.

Describe the destructive consequences of each type of effect on both structures and personnel.

Identify various protective measures to mitigate the risk of an explosive effect or decrease the probability of an explosive event.

### **ursor Awareness**

Define the term homemade explosives (HME).

Recognize the physical characteristics of commonly found homemade explosives (HME).

Explain why perpetrators may use HME in an attack.

Recognize precursor materials associated with the production of HME.

Recognize the equipment associated with the production of HME.

### **wareness**

Define risk management.

Identify the six steps in the DHS Risk Management Process.

Describe different types of procedural and physical protective measures to prevent and minimize risk.

Identify the four main IED delivery methods.

Recognize considerations for selecting protective measures.

### **inciples Course**

Match terrorist operational tactics to the terrorist attack cycle step in which they occur

Identify the requirements for hostile surveillance

Describe the fundamentals of surveillance detection

Identify the components of the reporting and response elements of the surveillance detection plan

Identify the aspects to maintaining operational security

Level 1 Quality of Instruction Modules	Level 1 Quality of Facilitation Modules
<b>AWR-348-1 Office for Bombing Prevention (OB) Awareness Course (BPAC) Train-th</b>	
Mod 1. Course Introduction and Overview	ELA. (Mod 8) Teach-Back Preparation and Performance
Mod 2. Improvised Explosive Device (IED) Construction and Classification	ELA 2. (Mod 9) Trainer Orientation
Mod 3. Homemade Explosive (HME) and Precursor Awareness	
Mod 4. IED Explosive Effects and Mitigation	
Mod 5. Introduction to the Terrorist Attack Cycle	
Mod 6. Response to Suspicious Behaviors and Items	
Mod 7. Training Individuals for Program Success	
<b>MGT-451 Office for Bombing Prevention (C Management (BTM) Planni</b>	
Mod 1. Rview of Prerequisites	ELA 1. (Mod 4) Capstone Activity: Revising a Bomb Threat Management Plan
Mod 2. Risk Management	ELA 2. (Mod 6) Teach-Back Preparation
Mod 3A. Bomb Threat Management Plan Development, Part A	ELA 3. (Mod 7) Teach-Backs
3B. Bomb Threat Management Plan Development, Part B	ELA 4. (Mod 8) Preparing the Learning Environment
Mod 5. How Adults Learn	

<b>PER-312-1 Office for Bombing Prevention (C Improvised Explosive Device (VBIED) Detection Trainer</b>	
Mod 1. Course Introduction and Overview	ELA1. Vehicle Inspection Capstone Exercise
Mod 2. Vehicle-Borne Explosive Threat Overview	ELA 2. (Mod 8) Teach-Back Preparation and Performance
Mod 3. Identifying Vehicle-Borne Explosive Hazards	ELA 3. (Mod 9) Trainer Orientation
Mod 4. Assessment of Vehicles and Occupant Behavior	
Mod 5. The Vehicle Inspection Process	
Mod 7. Training Individuals for Program Success	
<b>PER-336-1 Office for Bombing Prevention (OBI Course (PMC) Train-the-Tra</b>	
Mod 1. Course Introduction and Overview	ELA1. (Mod 6) Selecting Appropriate Protective Measures
Mod 2. Identifying Risk to Determine Protective Measures	ELA 2. (Mod 8) Teach-Back Preparation and Performance
Mod 3. IED Explosive Effects	ELA 3. (Mod 9) Trainer Orientation
Mod 4. Protective Measures to Mitigate Risk	
Mod 5. Determining Appropriate Protective Measures for IED Threats	
Mod 7. Training Individuals for Program Success	
<b>PER-339-1 Office for Bombing Prevention (OBP Device (IED) Search Procedures Course T</b>	

Mod 1. Course Introduction and Overview	ELA1. Search Capstone Exercise
Mod 2. Understanding the Hazards	ELA 2. (Mod 8) Teach-Back Preparation and Performance
Mod 3. Overview of Bomb Threat Management Search Concepts	ELA 3. (Mod 9) Trainer Orientation
Mod 4. Preparing for a Search	
Mod 5. Conducting the Search	
Mod 7. Training Individuals for Program Success	

Level 1 and 3  
Associated Skills Questions

**P) Bombing Prevention  
e-Trainer**

Evaluate improvised explosive devices

Identify explosive effects

Identify homemade explosives

Evaluate the terrorist attack cycle

Identify indicators of suspicious behaviors and items

Prepare to teach awareness course

Conduct awareness course

Create, administer, and complete a training per CDP guidelines

**BP) Bomb Threat  
ng**

Conduct a vulnerability assessment of an assigned scenario (school, hospital, or mass gathering).

Determine the appropriate management method for each risk identified in the vulnerability assessment.

Develop a BTM plan.

Identify how to apply adult learning principles

Prepare to teach an assigned section of the course

Deliver a portion of the BTM Planning Course

Prepare for BTM Planning Course delivery

## **DBP) Vehicle-Borne on Course Train-the-**

Assess Terrorist, Extremist, and Criminal Actions

Identify Explosive Hazards

Identify Indicators of Suspicious Behavior and Suspicious Vehicles

Identify Vehicle Inspection Parameters

Conduct a Vehicle Inspection

Prepare to Teach Performance-based Course

Conduct Performance-based Course

## **P) Protective Measures in**

Identify risk to determine protective measures

Identify explosive effects

Identify protective measures to prevent and minimize risk

Determine appropriate protective measures for IED threats

Select appropriate protective measures

Prepare to Teach Performance-based Course

Conduct Performance-based Course

## **) Improvised Explosive Train-the-Trainer**

Identify IED Hazards
Identify bomb threat management search concepts
Prepare for an IED Search
Identify IED Search Safety Precautions
Describe IED Search Procedures
Conduct IED Search
Prepare to teach awareness course
Conduct awareness course
Create, administer, and complete a training per CDP guidelines



Level 1 Quality of Instruction Modules	Level 1 Quality of Facilitation Modules
<b>AWR-341 IED Awareness and Safety</b>	
Mod 1. IED Introduction	
Mod 2. IED Threat Awareness	
Mod 3. Public Response to IED Threats	
Mod 4. Safety Procedures for IED Threats	
<b>AWR-349 Homemade Explosive (HME) and Public Safety</b>	
Mod 1. Introduction	
Mod 2. HME: An Imminent Danger	
Mod 3. Why Would Someone Use HME?	
Mod 4. What Should You Look For?	
Mod 5. What Do You Do If You Suspect the Presence of HME?	
Mod 6. What Would You Do If...?	
<b>AWR-903 Bomb Threat Preparedness</b>	
Mod 1. Introduction	
Mod 2. Planning for a Threat	
Mod 3. Receiving a Threat	
Mod 4. Reacting to a Threat	
Mod 5. School Considerations	
Mod 6. Office Considerations	

Mod 7. Medical Facility Considerations	
Mod 8. Sports Venue and Mass Gathering Facility Considerations	

**AWR-911 Bomb-Making Materials Awareness**

Mod 1. Course Opening: Newscast (Failed Prevention)	
Mod 2. The Role of the General Public, Law Enforcement, Dispatchers, Fire, EMS, and the Fusion Centers	
Mod 3. Law Enforcement Acts and the Community Succeeds in Preventing a Bombing Incident	
Mod 4. Course Conclusion	

**AWR-912 Chemical Sector Security Awareness**

Mod 1. Course Overview	
Mod 2. Your Security Roles, Responsibilities, and the Most Important Rule	
Mod 3. Understanding the Risk Environment and Areas of Exposure	
Mod 4. Awareness and Reporting Procedures; What You Can Do	

**AWR-921 Bomb-Making Materials Awareness**

Mod 1. Course Opening	
Mod 2. Employee Training Video Introduction	
Mod 3. Who Builds Bombs?	

Mod 4. What Materials Do Bomb-Makers Need, and Where Do They Get Them?	
Mod 5. What Behaviors Should You Watch For?	
Mod 6. What Should You Do?	

Level 1 and 3  
Associated Skills Questions

**Procedures**

Identify the importance of recognizing and reporting suspicious behaviors and purchases related to bomb-making materials

Identify the hazards of IEDs

Discuss the indicators of suspicious items and the appropriate responses to each

Recognize your role in preventing bombing attacks

**cursor Awareness for**

Determine the best course of action to take upon identification of suspected HMEs and other bomb-making materials.


**and Response**

Recognize the importance of bomb threat preparedness

Be familiar with basic bomb threat management planning principles

Identify actions upon receiving a bomb threat

Identify reactions to a bomb threat

Identify school-specific bomb threat preparedness and prevention actions

Identify office-specific bomb threat preparedness and prevention actions

Identify medical facility-specific bomb threat preparedness and prevention actions

Identify sports venue-specific bomb threat preparedness and prevention actions

### **ness: Your Role**

Identify the importance of recognizing and reporting suspicious activity and purchasing behaviors related to bomb-making materials

Identify how various community members can identify and report indicators of suspicious activity and purchasing behaviors related to bomb-making materials

Describe the Bomb-Making Materials Awareness Program (BMAP)

### **ness Training**

Your Security Roles, Responsibilities and the Most Important Rule

Understanding the Risk Environment and Areas of Exposure

Awareness and Reporting Procedures: What Can You Do

### **s Employee Training**

Describe the Bomb-Making Materials Awareness Program (BMAP).

Participants will recognize your role in preventing bombing attacks.

Recognize the types of people who build bombs.

Recognize commercially available products used to make homemade explosives (HME) and build improvised explosive devices (IEDs).

Participants will recognize suspicious purchases and related behavior.

Explain how to report a suspicious incident.

Level 1 Quality of Instruction Modules	Level 1 Quality of Facilitation Modules
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**MGT-909 The Interagency Security Committee (Process and Facility Security Committee (RM**

Mod 1. Introduction to the ISC	
Mod 2. Overview of ISC Publications	
Mod 3. Facility Security Level Determination	
Mod 4. Introduction to Levels of Protection (LOP) and Application of Design-Basis Threat (DBT) Report	
Mod 5. Facility Security Committee	
Mod 6. Introduction to the ISC-Compliance System	

**PER-923 Cybersecurity & Infrastructure Security Gateway Special Events and Domestic Incident Training**

Mod 1. Course Overview	Mod 8. Level 2 evaluation Part 1
Mod 2. SEDIT Functions and Capabilities	Mod 13. Second part of the level 2 evaluation
Mod 3. Home Page Utilities	
Mod 4. Facility Tab Functions and Capabilities	
Mod 5. Facility Ratings – Criticality and Significance	
Mod 6. Facility Dependency Relationships	
Mod 7. Requests for Information	
Module 9. Event Planning Scenario	
Mod 10. Events Tab Functions and Capabilities	
Mod 11. Incident Planning Scenario	
Mod 12. Events Tab Functions and Capabilities	

## PER-925 Critical Infrastructure Funda

Mod 1. Basic Concepts	Mod 7a. Resources for Critical Infrastructure Support (CISA Tabletop Exercise Packages)
Mod 2. Lifeline Sectors Inc: Transportation, Energy, Communications, Etc.	Mod 7b. Resources for Critical Infrastructure Support (Facility Assessment Tools)
Mod 3. Nationwide Sectors that Align with FEMA Community Lifelines	Mod 7c. Resources for Critical Infrastructure Support (Data Collection)
Mod 4. Nationwide Sectors NOT Aligned Directly with FEMA Community Lifelines	
Mod 5. Specialized, Limited Access Sectors	Mod 7d. Resources for Critical Infrastructure Support (Regional Assessments)
Mod 6. Infrastructure Development & Resilience Planning	
Mod 7. Medical Facility Considerations	
Mod 8. Sports Venue and Mass Gathering Facility Considerations	

## PER-928 Dependency Analysis Fundan

Mod 1. Introduction and Purpose	ELA 1 (Mod 13) Out-briefs from groups
Mod 2. Why Focus on Dependencies?	
Mod 3. Defining and Understanding Dependencies	
Mod 4. Dependencies in Different Operational Contexts	
Mod 5. Introduction to Dependency Data & Analysis	
Mod 6. Overview of dependency analytic process	
Mod 7. Frame the analysis	
Mod 8. Plan the analysis	
Mod 9. Collect the data	
Mod 10. Synthetize the information	
Mod 11. Communicate the results	



Mod 12. Dependency analysis during incident response	
<b>PER-929 CISA Gateway</b>	
Mod 1. CISA Gateway Functions and Capabilities	ELA 1. Level 2 Evaluation Check
Mod 2. Dependency Connections in the CISA Gateway	ELA 2. Level 2 Evaluation Check
Mod 3. Open-Source Research	ELA 3. Level 2 Evaluation Check
Mod 4. Dependency Profiles	
Mod 5. Dependency Survey Tool	
Mod 6. Service Provider Review	
Mod 7. Map View (Dependency Focus)	
Mod 8. SEDIT (Dependency Focus)	

Level 1 and 3  
Associated Skills Questions

## **ISC) Risk Management (P & FSC) Training**

Understand History of ISC

Identify ISC Standards, Policies  
and Recommendations

Identify Facility Security Level

Apply Levels of Protection (LOP)  
and Application of Design-Basis  
Threat (DBT) Report

Chair or participate as a member  
of a FSC

Introduction to the ISC-  
Compliance System

## **Security Agency (CISA) Security Tracker (SEDT)**

Assessments and Analyses

Preparedness

Special Event and Incident  
Management

Cooperative Partnerships

Communication

Program Improvements


<b>mentals (CIF)</b>
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Assessments and Analyses
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Preparedness
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Special Event and Incident Management
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Cooperative Partnerships
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Communication
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<b>mentals (DAF)</b>
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Assessments and Analyses
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Preparedness
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Special Event and Incident Management
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Cooperative Partnerships
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Communication
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Program Improvements
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Assessments and Analyses
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Preparedness
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Special Event and Incident Management
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Cooperative Partnerships
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Communication
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