Federal Emergency Management Agency
National Preparedness Directorate
National Training and Education Division
Federal Sponsored Course Catalog

Last Updated: 18 August 2014
## Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>iii</td>
</tr>
<tr>
<td>Course Listings</td>
<td>ix</td>
</tr>
<tr>
<td>DHS-001-COMM</td>
<td>1</td>
</tr>
</tbody>
</table>
Purpose
The Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), National Preparedness Directorate (NPD), National Training and Education, National Training and Education Division (NTED) Approved Federal Sponsored Course Catalog is a listing of Federal-sponsored courses that fall within the NTED mission scope, and have been approved through the NTED course review and approval process.

NTED, formally known as the Training Operations, Training and Education Integration Division, encourages States, territories and urban areas to use this catalog with support of Homeland Security Grant Program (HSGP) funds, to enhance the capabilities of State and local emergency preparedness.

The FY 2006 Homeland Security Grant Program (HSGP) integrates the State Homeland Security Program (SHSP), the Urban Areas Security Initiative (UASI), the Law Enforcement Terrorism Prevention Program (LETPP), the Metropolitan Medical Response System (MMRS), and the Citizen Corps Program (CCP). The HSGP streamlines efforts for States and Urban Areas in obtaining resources that are critical to building and sustaining capabilities to achieve the Interim National Preparedness Goal (the Goal) and implement State and Urban Area Homeland Security Strategies.

Allowable State, territory, local, and Tribal training-related costs under the HSGP include the establishment, support, conduct, and attendance for training programs specifically identified under the State Homeland Security Program (SHSP), Urban Areas Security Initiative (UASI), Law Enforcement Terrorism Prevention Program (LETPP), Metropolitan Medical Response System (MMRS), and Citizen Corps Program (CCP) grant programs within existing training academies, universities or junior colleges.

These training programs include, but are not limited to, CBRNE terrorism and catastrophic events, cyber/agriculture/food security, and citizen preparedness. The target audience for training courses includes emergency prevention, protection, response, and recovery personnel, emergency managers and public/elected officials within the following disciplines: fire service, law enforcement, emergency management, emergency medical services, hazardous materials, public works, public health, health care, public safety communications, governmental administrative, and the private sector.

Introduction
On March 31, 2005, DHS issued the Interim National Preparedness Goal (the Goal). The Goal establishes a vision for National Preparedness including National Priorities as outlined in Homeland Security Presidential Directive -8 (HSPD-8). The Target Capabilities List (TCL) identifies 37 capabilities integral to Nation-wide all-hazards preparedness, including acts of terrorism. The Goal is a significant evolution in the approach to preparedness and homeland
security. It presents a collective vision for national preparedness, and establishes National Priorities to guide the realization of that vision to meet the most urgent needs.

The Goal is a companion document to the National Response Framework (NRF), National Incident Management System (NIMS), and the interim National Infrastructure Protection Plan (NIPP). The Goal establishes a framework that guides entities at all levels of government in the development and maintenance of the capabilities to prevent, protect against, respond to, and recover from major events, including Incidents of National Significance as defined in the NRP. Additionally, the Goal will assist entities at all levels of government in the development and maintenance of the capabilities to identify, prioritize, and protect critical infrastructure and key resources as described in the NIPP.

The Goal encompasses the full spectrum of activities necessary to address the entire range of threats and hazards. In addition to a number of common activities that support preparedness (e.g., planning, interoperable communications, risk management, and citizen preparedness and participation), four mission areas help create a framework for developing the subset of national capabilities that will be supported by DHS preparedness grant program funding. Some capabilities fall outside the scope of HSGP funding and are the responsibility of other Federal agencies or State and local governments. The four mission areas are prevent, protect, respond, and recover. As stated in NIMS, mitigation activities are important elements of preparedness and provide a critical foundation across the spectrum from prevention through recovery. The mission areas are discussed in further detail below.

**Prevent:** Actions to avoid an incident or to intervene to stop an incident from occurring. Prevention involves intelligence and deterrence operations; heightened inspections; improved surveillance and security operations; investigations; education and training; enhanced nuclear and radiological detection capabilities; public health and agricultural surveillance and testing processes; immunizations, isolation, or quarantine; and certain law enforcement operations. Public announcements, infrastructure improvements and citizen vigilance also are important, especially when considering an all-hazards approach.

**Protect:** Actions to reduce the vulnerability of critical infrastructure or key resources in order to deter, mitigate, or neutralize terrorist attacks, major disasters, and other emergencies. Protection also includes: continuity of government and operations planning; evacuation planning, awareness elevation and understanding of threats and vulnerabilities to related critical facilities, systems, and functions; promotion of effective sector-specific protection practices and methodologies; and expansion of voluntary security-related information sharing between government and private entities.

**Respond:** Activities that address the short-term, direct effects of an incident. Response includes immediate actions to save lives, protect property, and meet basic human needs. As indicated by
the situation, response activities include: applying intelligence and other information to lessen the effects or consequences of an incident; increasing security and law enforcement operations; continuing investigations into the nature and source of the threat; continuing ongoing public health and agricultural surveillance and testing processes; providing immunizations; enforcing isolation or quarantine; and allowing appropriate citizen response. A prepared community will also possess sufficient capability for emergency feeding and sheltering of displaced personnel.

**Recover:** The development, coordination, and execution of service- and site-restoration plans; the reconstitution of government operations and services; individual, private-sector, nongovernmental, and public-assistance programs to provide housing and to promote restoration; long-term care and treatment of affected persons; additional measures for social, political, environmental, and economic restoration; evaluation of the incident to identify lessons learned; post-incident reporting; and development of initiatives to mitigate the effects of future incidents.

Each mission area includes a collection of capabilities that require integration and collaboration across multiple disciplines, jurisdictions, levels of government, processes, and procedures. Many of these capabilities support the achievement of the National Priorities listed in the Goal.

Implementing a common, shared approach to achieving national preparedness requires the Nation to re-orient its programs and efforts in support of the Goal and the National Priorities. The Goal establishes a vision for preparedness, identifies Target Capabilities, provides a description of each capability, and presents guidance on the levels of capability that Federal, State, local, and Tribal entities will be expected to develop and maintain. Capabilities-based planning is a process by which to achieve the Goal and the capabilities it outlines. Capabilities-based planning is defined as, "planning, under uncertainty, to provide capabilities suitable for a wide range of threats and hazards while working within an economic framework that necessitates prioritization and choice." This planning approach assists leaders at all levels to allocate resources systematically to close capability gaps, thereby enhancing the effectiveness of preparedness efforts. Capabilities-based planning will provide a means for the Nation to achieve the Goal and National Priorities by answering three fundamental questions: "How prepared do we need to be?", "How prepared are we?", and "How do we prioritize efforts to close the gap?" At the heart of the Goal and the capabilities-based planning process is the TCL. The capabilities included in the TCL are listed in Figure 1.
The capabilities-based planning process makes significant use of the TCL which provides additional levels of detail on the underlying tasks and resources for achieving these capabilities. Each level of government or geographic area will not be expected to develop and maintain all 37 capabilities to the same level. Capability-based planning necessitates the prioritization of resources and initiatives among the various capabilities. Given limited time and resources, jurisdictions will be expected to target their planning efforts on the most critical capability gaps. The expectation will vary based upon the risk and needs of different levels of government and geographic areas. For example, basic capability levels may be expected of a low-population jurisdiction, while more advanced levels of capability may be expected of a group of jurisdictions, an entire State, or the Federal government. Consequently, incremental organizational and operational change is required across agencies, disciplines and jurisdictions – and across State lines. Mutual aid agreements, inter-organizational linkages (including authorities, agencies, non-governmental partners and individual citizens), information sharing, and collaboration become critical elements of the new preparedness landscape.
The Goal represents an all-hazards approach to preparedness. This all-hazards approach takes into consideration the special emphasis the NRP places in preparing for threats with the greatest risk of mass casualties, massive property loss, and immense social disruption, having significant national impact, requiring significant information sharing, resource coordination and assistance. As described above, catastrophic events in particular are defined in the NRP as any natural, technical, or manmade incident, including terrorism, that results in extraordinary levels of mass casualties, damage, or disruption severely affecting the population, infrastructure, environment, economy, national morale, and/or government functions. All catastrophic events are considered Incidents of National Significance.

**Attending Training Not Provided by NTED (State or Federal Sponsored Courses)**

States, territories, and urban areas are not required to request prior approval from NTED for personnel to attend training not provided by NTED (State or Federal Sponsored courses) provided that the training is coordinated and approved by the State Administrative Agency (SAA) or State/Territory Training Point of Contact (TPOC) and falls within the NTED mission scope of preparing state and local personnel to prevent, protect, respond to, and recover from acts of terrorism or catastrophic events. States, territories, and urban areas are required, after attendance, to submit information through the SAA or TPOC to NTED. This information will consist of course title, course description, mission area, level of training, the training provider, the date of the course, the number and associated disciplines of the individuals, and the sponsoring jurisdiction. States, territories, and urban areas intending to use Grants Program Directorate (GPD) funds to support attendance at training not provided by NTED must ensure these courses:

- Fall within the NTED mission scope to prepare state and local personnel to prevent, protect, respond to, and recover from acts of terrorism and catastrophic events
- Build additional capabilities that a) support a specific training need identified by the State, territory, and urban area, and b) comport with the State, territory, or Urban Area Homeland Security Strategy
- Address specific tasks and/or competencies articulated in NPD’s *Emergency Responder Guidelines and the Homeland Security Guidelines for Prevention and Deterrence*
- Address specific capabilities and related tasks articulated in the Target Capabilities List (TCL) and the Universal Task List (UTL)
- Comport with all applicable Federal, State, and local regulations, certifications, guidelines, and policies deemed appropriate for the type and level of training.

Several broad categories of courses will automatically qualify for support GPD funds and, as they become identified, will be included in the catalogs of approved training not provided by NTED. Examples of these broad categories are:

- All NIMS training approved by the Incident Management Systems Division (IMSD).
- All Incident Command System (ICS) training offered through the National Fire Academy (NFA) and the Emergency Management Institute (EMI).

**Allowable Training Costs**
Allowable State, territory, local, and tribal training-related costs include, but are not limited to, the following:

- Costs to develop, deliver, and evaluate training, to include costs related to administering the training; planning, scheduling, facilities, materials and supplies, reproduction of materials, and equipment.
- Overtime and backfill costs associated with attendance at NTED-sponsored and/or approved training courses and programs.
- Costs associated with the certification and re-certification of instructors.
- Travel costs (i.e., airfare, mileage, per diem, hotel, etc.) are allowable as expenses by employees who are on travel status for official business related to approved training.
- Hiring of Full or Part-Time Staff or Contractors/Consultants. Full or part-time staff may be hired to support training-related activities. Payment of salaries and fringe benefits must be in accordance with the policies of the State or unit(s) of local government and have the approval of the State or awarding agency, whichever is applicable.

To assist in the use of this catalog, training courses have been identified by mission area. Courses specific to Incident Command have also been identified as a subcategory in the respond mission area. Course descriptions and point-of-contact information can be found in the course catalog, following the course index.

Questions about accessing the courses listed in this catalog, or other questions about NTED training programs can be sent to firstrespondertraining@dhs.gov. Questions about specific training courses listed in this catalog should be sent to that course's point of contact.
<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Name</th>
<th>Mission Areas</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHS-001-COMM</td>
<td>Introduction to Risk Analysis for Fusion Center Analysts</td>
<td>Common</td>
<td>1</td>
</tr>
<tr>
<td>DHS-004-COMM</td>
<td>Intermediate Risk Analysis for Fusion Center Analysts</td>
<td>Common</td>
<td>2</td>
</tr>
<tr>
<td>DOD-001-COMM</td>
<td>Introduction to Radiological and Nuclear Incident</td>
<td>Common</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Prevent</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DHS-001-PREV</td>
<td>Advanced Safety Operations and Management</td>
<td>Prevent</td>
<td>4</td>
</tr>
<tr>
<td>DHS-002-PREV</td>
<td>OPSEC for Public Safety Agencies Counterterrorism Training Program</td>
<td>Prevent</td>
<td>5</td>
</tr>
<tr>
<td>DHS-003-PREV</td>
<td>Commercial Vehicle Counterterrorism Training Program (CVCTP)</td>
<td>Prevent</td>
<td>6</td>
</tr>
<tr>
<td>DHS-004-PREV</td>
<td>Commercial Vessel Boarding Training Program (CVBTP)</td>
<td>Prevent</td>
<td>7</td>
</tr>
<tr>
<td>DHS-005-PREV</td>
<td>Suicide Bomber Mitigation Training Program</td>
<td>Prevent</td>
<td>8</td>
</tr>
<tr>
<td>DHS-006-PREV</td>
<td>Seaport Security Anti-Terrorism Training Program (SSATP)</td>
<td>Prevent</td>
<td>9</td>
</tr>
<tr>
<td>DHS-007-PREV</td>
<td>Analysis 101</td>
<td>Prevent</td>
<td>10</td>
</tr>
<tr>
<td>DHS-008-PREV</td>
<td>DHS Basic Intelligence and Threat Analysis Course (BITAC)</td>
<td>Prevent</td>
<td>11</td>
</tr>
<tr>
<td>DHS-011-PREV</td>
<td>Maritime PRND Operations course</td>
<td>Prevent</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Supervisors, and Property Managers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DHS-017-PREV</td>
<td>Public Safety Crowd Management</td>
<td>Prevent</td>
<td>14</td>
</tr>
<tr>
<td>DHS-018-PREV</td>
<td>Realistic Adaptive Interactive Learning System (RAILS)</td>
<td>Prevent</td>
<td>15</td>
</tr>
<tr>
<td>DHS-019-PREV</td>
<td>Primary Screening</td>
<td>Prevent</td>
<td>16</td>
</tr>
<tr>
<td>DHS-020-PREV</td>
<td>Secondary Inspection</td>
<td>Prevent</td>
<td>17</td>
</tr>
<tr>
<td>DHS-021-PREV</td>
<td>Threat and Mission</td>
<td>Prevent</td>
<td>18</td>
</tr>
<tr>
<td>DHS-022-PREV</td>
<td>Basic Principles of Radiation</td>
<td>Prevent</td>
<td>19</td>
</tr>
<tr>
<td>DHS-023-PREV</td>
<td>Radiological Nuclear Detection Reachback</td>
<td>Prevent</td>
<td>20</td>
</tr>
<tr>
<td>DHS-024-PREV</td>
<td>Radiological Nuclear Detection Pager - S</td>
<td>Prevent</td>
<td>21</td>
</tr>
<tr>
<td>DHS-025-PREV</td>
<td>Radiological Nuclear Detection Mini-Rad-D</td>
<td>Prevent</td>
<td>22</td>
</tr>
<tr>
<td>DHS-026-PREV</td>
<td>PackEye</td>
<td>Prevent</td>
<td>23</td>
</tr>
<tr>
<td>DHS-027-PREV</td>
<td>identFINDER NGH</td>
<td>Prevent</td>
<td>24</td>
</tr>
<tr>
<td>DHS-028-PREV</td>
<td>Web Enabled Primary and Secondary RND Training</td>
<td>Prevent</td>
<td>25</td>
</tr>
<tr>
<td>DHS-032-PREV</td>
<td>Intelligence Analyst Professional Development Program (IAPDP)</td>
<td>Prevent</td>
<td>26</td>
</tr>
<tr>
<td>DHS-033-PREV</td>
<td>Strengthening Community Agrosecurity Planning (S-CAP)</td>
<td>Prevent</td>
<td>27</td>
</tr>
<tr>
<td>DHS-125-PREV</td>
<td>Bus Operator Security Training</td>
<td>Prevent</td>
<td>28</td>
</tr>
<tr>
<td>DOJ-001-PREV</td>
<td>Neighborhood Watch Toolkit</td>
<td>Prevent</td>
<td>29</td>
</tr>
<tr>
<td>DOT-001-PREV</td>
<td>Crime Prevention through Environmental Design</td>
<td>Prevent</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td><strong>Protect</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DHS-005-PROT</td>
<td>Soft Target Awareness Course</td>
<td>Protect</td>
<td>32</td>
</tr>
<tr>
<td>DHS-009-PROT</td>
<td>Boat Operator's Anti-Terrorism Training</td>
<td>Protect</td>
<td>33</td>
</tr>
<tr>
<td>Course Number</td>
<td>Course Name</td>
<td>Mission Areas</td>
<td>Page</td>
</tr>
<tr>
<td>---------------</td>
<td>------------------------------------------------------------------------------</td>
<td>---------------</td>
<td>------</td>
</tr>
<tr>
<td>DHS-010-PROT</td>
<td>CIKR Asset Protection Technical Assistance Program (CAPTAP)</td>
<td>Protect</td>
<td>34</td>
</tr>
<tr>
<td>DOD-001-PROT</td>
<td>Preparing for and Managing the Consequences of Terrorism</td>
<td>Protect</td>
<td>35</td>
</tr>
<tr>
<td>DOD-002-PROT</td>
<td>WMD/Terrorism Chapter Leadership Course</td>
<td>Protect</td>
<td>36</td>
</tr>
<tr>
<td>DOE-001-PROT</td>
<td>Alarm Response Training Program</td>
<td>Protect</td>
<td>37</td>
</tr>
<tr>
<td>DOE-002-PROT</td>
<td>Personal Radiation Device Train-the-Trainer</td>
<td>Protect</td>
<td>38</td>
</tr>
<tr>
<td>DOT-001-PROT</td>
<td>Transit System Security</td>
<td>Protect</td>
<td>39</td>
</tr>
<tr>
<td>DHS-016-RESP</td>
<td>Personal Protective Equipment</td>
<td>Respond</td>
<td>40</td>
</tr>
<tr>
<td>DHS-017-RESP</td>
<td>Preparation for the Suicide Homicide Bomber</td>
<td>Respond</td>
<td>41</td>
</tr>
<tr>
<td>DHS-020-RESP</td>
<td>Use of Auto-Injectors by Civilian Emergency Medical Personnel to Treat Civilians Exposed to Nerve Agents</td>
<td>Respond</td>
<td>42</td>
</tr>
<tr>
<td>DHS-046-RESP</td>
<td>Surveillance Detection Training for Municipal Officials, State &amp; Local Law Enforcement</td>
<td>Respond</td>
<td>43</td>
</tr>
<tr>
<td>DHS-065-RESP</td>
<td>Incident Command and Control Simulation Series</td>
<td>Respond</td>
<td>44</td>
</tr>
<tr>
<td>DHS-068-RESP</td>
<td>Surveillance Detection for Commercial Infrastructure Operators and Security Staff</td>
<td>Respond</td>
<td>45</td>
</tr>
<tr>
<td>DHS-105-RESP</td>
<td>First Responders to Digital Evidence (FRDE)</td>
<td>Respond</td>
<td>46</td>
</tr>
<tr>
<td>DHS-115-RESP</td>
<td>Dynamic Entry Training</td>
<td>Respond</td>
<td>47</td>
</tr>
<tr>
<td>DHS-124-RESP</td>
<td>Remotely Operated Vehicle Underwater Hazardous Device Search</td>
<td>Respond</td>
<td>48</td>
</tr>
<tr>
<td>DHS-125-RESP</td>
<td>Training in Risk &amp; Crisis Communication (TRACC)</td>
<td>Respond</td>
<td>49</td>
</tr>
<tr>
<td>DOD-001-RESP</td>
<td>Critical Response Team (CRT) Training</td>
<td>Respond</td>
<td>50</td>
</tr>
<tr>
<td>DOD-002-RESP</td>
<td>Field Management of Chemical and Biological Casualties</td>
<td>Respond</td>
<td>51</td>
</tr>
<tr>
<td>DOD-003-RESP</td>
<td>Medical Management of Chemical and Biological Casualties</td>
<td>Respond</td>
<td>52</td>
</tr>
<tr>
<td>DOD-004-RESP</td>
<td>Weapons of Mass Destruction/Terrorism: An Overview (ARC 3079-2)</td>
<td>Respond</td>
<td>53</td>
</tr>
<tr>
<td>DOD-005-RESP</td>
<td>Hospital Management of Chemical, Biological, Radiological, Nuclear and Explosive Incidents - (HM-CBRNE)</td>
<td>Respond</td>
<td>54</td>
</tr>
<tr>
<td>DOD-009-RESP</td>
<td>IED Response on Mass Transit and Passenger Rail Systems</td>
<td>Respond</td>
<td>57</td>
</tr>
<tr>
<td>DOD-011-RESP</td>
<td>Emergency Medical Response to a WMD Incident on a Mass Transit and Passenger Rail System</td>
<td>Respond</td>
<td>59</td>
</tr>
<tr>
<td>DOD-012-RESP</td>
<td>Nuclear Emergency Team Operations</td>
<td>Respond</td>
<td>60</td>
</tr>
<tr>
<td>DOE-001-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRRT): Assessing Package Integrity</td>
<td>Respond</td>
<td>61</td>
</tr>
<tr>
<td>DOE-002-RESP</td>
<td>WMD AIM CBT Application Disk 1: Incident Commander and Staff</td>
<td>Respond</td>
<td>62</td>
</tr>
<tr>
<td>DOE-003-RESP</td>
<td>WMD AIM CBT Application Disk 2: HazMat - First Responder</td>
<td>Respond</td>
<td>63</td>
</tr>
<tr>
<td>DOE-004-RESP</td>
<td>WMD AIM CBT Application Disk 3: Hospital and EMS - First Responder</td>
<td>Respond</td>
<td>64</td>
</tr>
<tr>
<td>DOE-005-RESP</td>
<td>WMD AIM CBT Application Disk 4: General Education</td>
<td>Respond</td>
<td>65</td>
</tr>
<tr>
<td>DOE-006-RESP</td>
<td>WMD CBT Disk 1: Chemical Exercise</td>
<td>Respond</td>
<td>66</td>
</tr>
<tr>
<td>DOE-007-RESP</td>
<td>WMD CBT Disk 2: Biological Exercise</td>
<td>Respond</td>
<td>67</td>
</tr>
<tr>
<td>DOE-008-RESP</td>
<td>WMD CBT Disk 3: High Explosive Exercise</td>
<td>Respond</td>
<td>68</td>
</tr>
<tr>
<td>DOE-009-RESP</td>
<td>WMD CBT Disk 4: Radiological Exercise</td>
<td>Respond</td>
<td>69</td>
</tr>
<tr>
<td>Course Number</td>
<td>Course Name</td>
<td>Mission Areas</td>
<td>Page</td>
</tr>
<tr>
<td>---------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-----------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>DOE-010-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Biological Effects of Ionizing Radiation</td>
<td>Respond</td>
<td>70</td>
</tr>
<tr>
<td>DOE-011-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Decontamination, Disposal, and Documentation</td>
<td>Respond</td>
<td>71</td>
</tr>
<tr>
<td>DOE-012-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Hazard Recognition</td>
<td>Respond</td>
<td>72</td>
</tr>
<tr>
<td>DOE-014-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Incident Command-Response Phase</td>
<td>Respond</td>
<td>74</td>
</tr>
<tr>
<td>DOE-015-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Information Resources</td>
<td>Respond</td>
<td>75</td>
</tr>
<tr>
<td>DOE-016-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Initial Response Actions</td>
<td>Respond</td>
<td>76</td>
</tr>
<tr>
<td>DOE-017-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Patient Handling</td>
<td>Respond</td>
<td>77</td>
</tr>
<tr>
<td>DOE-018-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Pre-Hospital Practices</td>
<td>Respond</td>
<td>78</td>
</tr>
<tr>
<td>DOE-019-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Public Information Officer</td>
<td>Respond</td>
<td>79</td>
</tr>
<tr>
<td>DOE-020-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Radioactive Material Shipping Packages</td>
<td>Respond</td>
<td>80</td>
</tr>
<tr>
<td>DOE-021-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Radiological Basics</td>
<td>Respond</td>
<td>81</td>
</tr>
<tr>
<td>DOE-022-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Radiological Survey Instruments and Dosimetry Devices</td>
<td>Respond</td>
<td>82</td>
</tr>
<tr>
<td>DOE-023-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Radiological Terminology Units</td>
<td>Respond</td>
<td>83</td>
</tr>
<tr>
<td>DOE-024-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Scene and Incident Control</td>
<td>Respond</td>
<td>84</td>
</tr>
<tr>
<td>DOE-025-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Shipments by DOE</td>
<td>Respond</td>
<td>85</td>
</tr>
<tr>
<td>DOE-026-RESP</td>
<td>Modular Emergency Response Radiological Transportation Training (MERRTT): Tactics and Strategies</td>
<td>Respond</td>
<td>86</td>
</tr>
<tr>
<td>DOE-027-RESP</td>
<td>Office of Global Threat Reduction Alarm Response Training - Research Test Reactor Training</td>
<td>Respond</td>
<td>87</td>
</tr>
<tr>
<td>DOJ-002-RESP</td>
<td>Large Vehicle Bomb Advanced Post Blast Investigation</td>
<td>Respond</td>
<td>88</td>
</tr>
<tr>
<td>DOJ-003-RESP</td>
<td>HDS Basic Certification</td>
<td>Respond</td>
<td>89</td>
</tr>
<tr>
<td>DOL-001-RESP</td>
<td>Disaster Site Worker Course #7600</td>
<td>Respond</td>
<td>90</td>
</tr>
<tr>
<td>DOT-001-RESP</td>
<td>Security Training Courses: Response to Weapons of Mass Destruction</td>
<td>Respond</td>
<td>91</td>
</tr>
<tr>
<td>DOT-002-RESP</td>
<td>Effectively Managing Transit Emergencies</td>
<td>Respond</td>
<td>92</td>
</tr>
<tr>
<td>DOT-002-RESP</td>
<td>Effectively Managing Transit Emergencies</td>
<td>Respond</td>
<td>93</td>
</tr>
<tr>
<td>DOT-003-RESP</td>
<td>Transit Response to Bus Hijackings</td>
<td>Respond</td>
<td>94</td>
</tr>
<tr>
<td>DOT-004-RESP</td>
<td>Transit Response to Rail Hijackings Seminar</td>
<td>Respond</td>
<td>95</td>
</tr>
<tr>
<td>DOT-005-RESP</td>
<td>Identifying IED Threats to Public Transit</td>
<td>Respond</td>
<td>96</td>
</tr>
<tr>
<td>DOT-006-RESP</td>
<td>Pipeline Emergencies Second Edition</td>
<td>Respond</td>
<td>97</td>
</tr>
<tr>
<td>DOT-007-RESP</td>
<td>Intermodal Specialist</td>
<td>Respond</td>
<td>99</td>
</tr>
<tr>
<td>EPA-001-RESP</td>
<td>Emergency Response to Hazardous Materials Incidents 165.15</td>
<td>Respond</td>
<td>100</td>
</tr>
<tr>
<td>EPA-002-RESP</td>
<td>Air Monitoring for Emergency Responders</td>
<td>Respond</td>
<td>101</td>
</tr>
<tr>
<td>EPA-003-RESP</td>
<td>Introduction to Nuclear Radiation for First Responders</td>
<td>Respond</td>
<td>102</td>
</tr>
<tr>
<td>EPA-004-RESP</td>
<td>Chemical Agents of Opportunity for Terrorism: Toxic Industrial Chemicals (TICs) &amp; Toxic Industrial Materials (TIMs)</td>
<td>Respond</td>
<td>103</td>
</tr>
</tbody>
</table>
Course Details

Common Courses

Introduction to Risk Analysis for Fusion Center Analysts

**Sponsoring Agency:** DHS/I&A (jointly with DHS/IP/HITRAC)/SLPO

**Course Length:** 3 days

**Course Delivery:** Mobile Training

**Course Level:** Awareness

**Course Description**

The overall success of the national infrastructure protection mission depends on strong risk analysis capabilities and the development of analytic products that effectively inform decision makers. To accurately analyze risks and prepare high-quality products, analysts require training to implement defensible, repeatable, and complete approaches. The ultimate goal of risk analysis training is to build a community of risk analysts at the Federal, state, and local levels. The Introduction to Risk Analysis for Fusion Center Analysts training course clarifies the concept of risk, builds confidence among the analyst cadre, and implements a repeatable risk analysis process that leverages unique analyst expertise.

A follow-on Intermediate Risk Analysis training course is also offered to fusion center analysts, which builds on the foundation established in the Introduction to Risk Analysis training and delves deeper into risk analysis methods and tools for risk analysts.

Together, the Introduction to Risk Analysis and Intermediate Risk Analysis courses:

- Provide analysts with a documented, reproducible, defensible, and complete process for conducting strong risk analyses;
- Highlight the importance of risk analytic tradecraft standards as the fundamental building blocks of strong risk analyses;
- Provide risk analysts with detailed guidance on each phase of the risk analysis process, from planning through assessment;
- Enhance the consistency and quality of risk analytic products; and
- Provide a foundation for specialized training on analyzing risk, developing risk products, and communicating analytic results.

**Prerequisites**

- N/A

**Mission Areas**

- Common

**Target Audience**

- Emergency Management Agency
- Governmental Administrative
- Law Enforcement

**Point of Contact**
Intermediate Risk Analysis for Fusion Center Analysts

Sponsoring Agency: DHS/I&A (jointly with DHS/IP/HITRAC)/SLPO
Course Length: 3 days
Course Delivery: Mobile Training
Course Level: Awareness

Course Description
The overall success of the national infrastructure protection mission depends on strong risk analysis capabilities and the development of analytic products that effectively inform decision makers. To accurately analyze risks and prepare high-quality products, analysts require training to implement defensible, repeatable, and complete approaches. The ultimate goal of risk analysis training is to build a community of risk analysts at the Federal, state, and local levels.

The Intermediate Risk Analysis for Fusion Center Analysts training course builds upon the foundation established in the prerequisite Introduction to Risk Analysis for Fusion Center Analysts course, and delves deeper into risk analysis methods and tools for risk analysts.

Together, the Introduction to Risk Analysis and Intermediate Risk Analysis courses:
- Provide analysts with a documented, reproducible, defensible, and complete process for conducting strong risk analyses;
- Highlight the importance of risk analytic tradecraft standards as the fundamental building blocks of strong risk analyses;
- Provide risk analysts with detailed guidance on each phase of the risk analysis process, from planning through assessment;
- Enhance the consistency and quality of risk analytic products; and
- Provide a foundation for specialized training on analyzing risk, developing risk products, and communicating analytic results.

Prerequisites
- Introduction to Risk Analysis for Fusion Center Analysts

Mission Areas
- Common

Target Audience
- Emergency Management Agency
- Governmental Administrative
- Law Enforcement

Point of Contact
Introduction to Radiological and Nuclear Incident Response (IRNIR) Course is a two day, 16 hour, awareness level course offered to anyone who might come in contact with a radiological dispersion device (RDD). It provides confidence building education on how first responders (e.g. fire fighters, police, EMS, etc.) can return home following an incident knowing that they can avoid contamination through basic measures.

Prerequisites
- None

Mission Areas
- Common

Target Audience
- Other

Point of Contact
Prevent Courses

**Advanced Safety Operations and Management**

<table>
<thead>
<tr>
<th>Sponsoring Agency: DHS/FEMA/National Fire Academy</th>
<th>Course Level: Awareness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Delivery: Residential Training</td>
<td>Course Length: 6 Days</td>
</tr>
</tbody>
</table>

**Course Description**
This 6-day course focuses on applying the risk management model to health and safety aspects of emergency services operations, including program management, day-to-day operations, and incident safety. Content areas include firefighter and emergency services fatality and injury problem; the risk management process; safety responsibilities of department members; regulations, standards, and policies affecting emergency services safety; and appropriate documentation and recordkeeping pertaining to firefighter and emergency services health and safety.

**Prerequisites**
- Pre-course work assignment

**Mission Areas**
- Prevent

**Target Audience**
- Emergency Medical Services
- Fire Service

**Point of Contact**
Michael Stern
National Fire Academy, 16825 S. Seton Avenue
Emmitsburg, MD 21727
Phone: 301-447-1837
Fax: 301-447-1253
Email: michael.stern@dhs.gov
Website: http://www.usfa.fema.gov
OPSEC for Public Safety Agencies Counterterrorism Training Program  

Sponsoring Agency: DHS/Federal Law Enforcement Training Center/DHS  
Course Length: 3 Days  
Course Delivery: Residential Training  
Course Level: Not Applicable

Course Description
Criminals and terrorists are becoming increasingly effective in collecting intelligence against U.S. agencies and corporations. To be successful, they need specific information about personnel, response plans, capabilities, and infrastructures. Operations Security (OPSEC) is a five-step risk management tool used by security professionals and the military that public safety agencies could use to deny our adversaries the sensitive information they need to plan their crimes and attacks. The OPSACTP is designed for public safety and special operations teams such as hazmat/WMD, bomb squads, tactical teams, arson and gang investigations, and the like. The OPSACTP teaches public safety officers from the law enforcement, fire-rescue, EMS and emergency management communities how to use OPSEC to protect you, your mission, and your family. Students who successfully complete this training will be able to apply OPSEC to emergency and special event planning; special operations such as SWAT, HazMat, WMD, Bomb Squad; intelligence, counterterrorism, arson, and narcotics task forces; and criminal investigations.

Prerequisites
- This course is designed specifically for U.S. agencies with law enforcement, emergency management, fire and rescue, and critical infrastructure/key resource (CI/KR) protection missions.

Mission Areas
- Prevent

Target Audience
- Other

Point of Contact
Program Specialist
Counterterrorism Division
Phone: (912) 267-2539
Email: FLETC-CounterterrorismDivision@dhs.gov
Commercial Vehicle Counterterrorism Training Program (CVCTP)

Sponsoring Agency: DHS/FLETC/CTD
Course Length: 4 Days
Course Delivery: Residential Training
Course Level: Awareness

Course Description
The program is designed to train law enforcement officers responsible for the enforcement of commercial vehicles traveling on the Nation's highways on how large commercial vehicles can be used in committing an act of terrorism, either as a weapon of mass destruction or transporting materials to further a terrorist cause. The CVCTP is unique in its design, recognizing that security of our highways is accomplished by a cooperative effort of Federal, State, and Local officers. This program is conducted as a Center Advanced Training Program and is available as an export. Attendance is open to Federal, State and Local law enforcement officers and agents who are assigned duties related to the enforcement of commercial motor vehicles.

Prerequisites
- Introduction to CVCTP Commercial Vehicle Awareness Fraudulent Document Recognition
- Weapons of Mass Destruction Terrorism for CVCTP Interviewing Skills Commercial Vehicle Lab

Mission Areas
- Prevent

Target Audience
- Law Enforcement

Point of Contact
David Bynum
Counterterrorism Division
Phone: (912) 554-4484
Email: david.h.bynum@dhs.gov
**Commercial Vessel Boarding Training Program (CVBTP)**

**Sponsoring Agency:** DHS/FLETC/FLETC  
**Course Length:** 1 Week  
**Course Delivery:** Residential Training  
**Course Level:** Awareness

**Course Description**

The Commercial Vessel Boarding Training Program (CVBTP) is a one week program that involves extensive hands-on training in the boarding and searching of High Interest Vessels (HIV's). Students will board a 494' break-bulk freighter, conduct interviews, search compartments, and identify void areas and confined spaces. During the Practical Exercise students will conduct an "Underway-High Risk Entry" boarding and search of a 65' vessel in open water. This program was designed for Military, Federal, State and Local Law Enforcement Officers, and Port Authority Personnel who board and search Commercial Vessels.

**Prerequisites**

- This course is for Federal, State, and Local Law Enforcement.

**Mission Areas**

- Prevent

**Target Audience**

- Law Enforcement

**Point of Contact**

Ken Parks  
Phone: 843-566-8517  
Email: Ken.Parks@dhs.gov
Course Description
This program is designed for law enforcement officers and agents who would be involved in security of people and assets, need to prevent a suicide bomber attack, and may actually encounter a suicide bomber. The course consists of lecture, tactical shooting, physical training and intensive practical exercises involving encounters with a suicide bomber. The attendee will learn the motivations behind the suicide bombings and the methodologies of the bombers and how to use security measures to prevent, deter, and detect a suicide bomber. They will be able to physically respond to an attempted suicide bombing, know how to mitigate property damage, and manage the aftermath of a suicide bombings.

Prerequisites
- NA

Mission Areas
- Prevent

Target Audience
- Law Enforcement

Point of Contact
David Bynum
Phone: (912) 554-4484
Email: david.h.bynum@dhs.gov
Course Description
The Seaport Security Anti-Terrorism Training Program (SSATP) is a one week program designed to instruct Federal, State, and local law enforcement officers and port authority personnel charged with security responsibilities at our nation's seaports. The combined courses of this program address various requirements of the President's National Strategy for Maritime Security. The Port Facility Inspection course identifies seaport vulnerabilities and discusses the components of a seaport assessment plan. The program incorporates an actual port facility vulnerability survey and crisis management exercise. The SSATP examines the fundamentals of Maritime Domain Awareness as they relate to the prevention of; protection against; and recovery from acts of terrorism at our nation's seaports.

Prerequisites
- This course is designed for Federal, State, and Local Law Enforcement as well as Port Authority Officials and Facility Security Officers.

Mission Areas
- Prevent

Target Audience
- Law Enforcement
- Other

Point of Contact
Ken Parks
Phone: 843-566-8517
Email: Ken.Parks@dhs.gov
### Analysis 101

| **Sponsoring Agency:** DHS/ODNI/Analysis |
| **Course Length:** 2 Weeks |
| **Course Delivery:** Mobile Training |
| **Course Level:** Not Applicable |

#### Course Description

Analysis 101 is an entry level course that prepared new analysts to play their role in achieving the DNI's goals of transforming intelligence analysis and fully integrating the intelligence community. It brings together new analysts from throughout the IC during their initial months on the job for 18 days of rigorous training in a truly joint environment, equipping them with the analytic skills necessary to achieve the IC's published Analytic Standards. It does so by concentrating on how critical thinking fosters best practices in analytic tradecraft. Students examine the inter-related stages of the analytic process, discuss the many barriers and pitfalls (personal, organizational, technical, and environmental) that can impede it, and practice techniques that help overcome obstacles and improve analytic rigor. A core component is instructional and guided practice in thinking critically about the reasoning process. Working closely with peers from other agencies, new analysts acquire a common set of analytic skills and a joint perspective on intelligence enterprise, a solid foundation on which subsequent agency-specific training can build.

#### Prerequisites

- Law Enforcement-Intelligence Analysts

Members of the Intelligence Community who have less than six months in an Analytic position, i.e., General Series 0123. Applicant must also possess and have been granted a final clearance, i.e., SI/TK. Also, only those seats that are in excess will be available to non-federal civilian law enforcement personnel in analytic positions.

Registration deadlines are usually 10 days before classes convene.

#### Mission Areas

- Prevent

#### Target Audience

- Law Enforcement

#### Point of Contact

Ms. Jennifer Shanks
The Sherman Kent School
Phone: 703-482-3566
Email: jennifer@dni.gov

or

Mr. Kris Peerman
DHS I&A Registrar
Phone: 202-282-9892
Email: kris.peerman@dhs.gov
**Course Description**

This is a classified DHS Intelligence Enterprise (IE) course for intelligence professionals, to include state, local, tribal, and territorial law enforcement and first responder personnel. This entry-level course provides intelligence professionals with an introduction to the DHS IE and the Intelligence Community (IC). The curriculum explains the homeland security mission and teaches a variety of intelligence-related skills and concepts. The BITAC includes the following courses:

- Intelligence Community (IC) Overview - Course IC-110
- Critical Thinking and Analytic Methods (CTAM) - Course IE-120
- Intelligence Writing and Briefing (IWB) - Course IE-130
- Vulnerabilities and Threat Risk Assessment Course (VTRAC) - Course IE-150

This course develops intelligence skills. It acculturates participants to the homeland security mission, vision, and core values. In addition, it trains entry intelligence personnel in a coherent team building fashion. It reflects the Homeland Security Intelligence Framework and likely threats against the Homeland.

BITAC is designed in accordance with DHS core competencies, IC analytic core competencies, and the Learning Road Maps for Intelligence Professionals (Analytics).

Throughout the course, students apply their newly acquired knowledge to homeland security-based exercises, culminating in a capstone exercise. Students' knowledge and understanding are assessed through written products and briefings. This course is taught up to the SECRET classification level.

**Prerequisites**
- Secret level security clearance

**Mission Areas**
- Prevent

**Target Audience**
- Emergency Management Agency
- Law Enforcement
- Other

**Point of Contact**
Sara Winder
Intelligence Workforce Training Branch
202-282-8498
Maritime PRND Operations course

Sponsoring Agency: DHS/DNDO
Course Delivery: Mobile Training

Course Description
This training will apply to law enforcement agencies operating in and around waterways, whose role is to protect the public, the environment, and U.S. security interests in any maritime region vulnerable to radiological/nuclear terrorism, including inland waterways, harbors, marinas, and ports. Maritime training is designed to train law enforcement and public safety officers to employ department-issued radiation detectors, within the bounds of the jurisdiction/agency operational environment, procedures, and legal considerations. The module should prepare state and local law enforcement agencies to detect and report terrorist attempts to import or transport radiological or nuclear material via navigable waterways. Hands-on practical exercises will reinforce classroom training, and will be conducted in a maritime environment.

Kay Farrow-Smith
DNDO Office of Operations Support Directorate
Training and Exercise
Phone: 202.254.7101
Email: dndotraining@hq.dhs.gov

Prerequisites
- Any FEMA certified or approved PRD, RIID, Backpack, and Vehicle mounted, course.

Mission Areas
- Prevent

Target Audience
- Law Enforcement

Point of Contact
DNDO - Lonnie Swindell
Phone: 202-254-7117
E-mail: robert.swindell@hq.dhs.gov
Protective Measures Training for Security Officers, Mid-Level Safety/Security Supervisors, and Property Managers

DHS-016-PREV

Sponsoring Agency: DHS/IP / NPPD/PSCD / OBP
Course Delivery: Mobile Training
Course Length: 16 Hours
Course Level: Performance

Course Description
The course focuses on providing information pertaining to common vulnerabilities, available Protective Measures and strategies for selecting appropriate Protective Measures.

Prerequisites
- NA

Mission Areas
- Prevent

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works

Point of Contact
Kenneth Jaeger
Phone: (703) 235-5756
E-mail: kenneth.jaeger1@dhs.gov
Public Safety Crowd Management

Sponsoring Agency: DHS/Science & Technology Directorate/Office of University Programs
Course Length: 9 hrs

Course Delivery: Mobile Training
Course Level: Awareness

Course Description
Public Safety Crowd Management is designed to provide the knowledge, skills, and abilities (KSA) for first responders and security personnel to manage large gatherings of people congregated inside or outside of a building or critical infrastructure. It was first piloted in the City of Indianapolis in preparation for the National Football League’s 2012 Super Bowl. The subject material was well received by the first responder community and documented in a follow-up course assessment in which 96% of the participants highly recommended the course be shared with other professionals in the industry to establish a standard for crowd management as a precondition to crowd control. The curriculum is based on modern theories, current research, and case studies of major incidents that offer valuable insight into crowd behavior and crowd movement in non-emergency and exigency situations. It also includes current knowledge on national and professional standards, recommended practices, guidelines, and lessons learned to establish a consistent standard of care in the safety and security of occupants and critical infrastructures within the national framework of fostering vigilant, prepared, and resilient communities. At the discretion of the local Jurisdiction Having Authority (JHA), successful completion of all training requirements and a post-test written examination will result in student certification as a trained crowd manager in compliance with the standards published in NFPA 101.1, section 12.7.6.1/13.7.6.1. This course supports the goals and objectives of the Office of Domestic Preparedness (ODP) emergency responder guidelines, ODP Homeland Security Guidelines for Prevention and Deterrence, NFPA 1600.5.9.1-5 National Module for Incident Management (NIMS), Homeland Security Quadrennial Report (QHSR), Recommendations in the 9/11 Commission Act of 2007, Presidential Policy Directive 5 (PPD-5), DHS Stadium Guide 2009, Presidential Policy Directive 8 (PPD-8), and best practices and lessons learned from practitioners in the field with extensive experience in managing large crowd situations.

For more information please contact:

Michael A. Tobia, Ed.D

202-657-7077

E-mail: michael.tobia@hq.dhs.gov

Prerequisites
- ICS 100

Mission Areas
- Prevent

Target Audience
- Law Enforcement

Point of Contact
Realistic Adaptive Interactive Learning System (RAILS)

Sponsoring Agency: DHS/DNDO/OSD

Course Length: Dependent on Course-Path

Course Delivery: Online Training

Course Level: Not Applicable

Course Description
RAILS is a platform that houses multiple radiological prevention training courses. In RAILS, the course is a learning path. Each course consists of a series of training modules (the training games that take place in the 3D virtual world) which students must complete in order (successful completion of one module unlocks the next). Learning paths can be tailored or even created from scratch by qualified instructors and administrators, but presently RAILS comes with 4 default learning paths. The following describes one particular learning path which is the path that is documented in the attached.

This is a portable digital course suitable for refreshing training and/or guided initial training; the target audience is law enforcement and first responders. This course will instruct, illustrate and review the concepts and circumstances regarding RND Secondary Screening Training. The objectives to cover are: basic material attenuation concepts and practice, basic identiFINDER RIID operation, Primary and Secondary Screening interaction, and basic Reachback procedures and practice.

For further information please contact:

Kay Farrow-Smith
DNDO Office of Operations Support Directorate
Training and Exercise
Phone: 202.254.7101
Email: dndotraining@hq.dhs.gov

Prerequisites
- The ability to operate a PC, load a DVD or USB memory stick and use a Web Browser.

Mission Areas
- Prevent

Target Audience
- Fire Service
- Hazardous Material
- Law Enforcement
- Other

Point of Contact
Primary Screening

Sponsoring Agency: DHS/DNDO/OSD
Course Length: 1 Hour and 20 Minutes
Course Delivery: Residential Training
Course Level: Not Applicable

Course Description
This course focuses on Primary Screening, and the behavior of radioactive material so individuals will have the knowledge to operate a Personal Radiation Detector (PRD) and/or a PackEye backpack in accordance with the RND mission.

For further information please contact:

Kay Farrow-Smith
DNDO Office of Operations Support Directorate
Training and Exercise
Phone: 202.254.7101
Email: dndotraining@hq.dhs.gov

Prerequisites
- 1. Radiation Fundamentals
- 2. Threat and Mission
- 3. PRD and/or Packeye Backpack Equipment Training

Mission Areas
- Prevent

Target Audience
- Emergency Management Agency
- Fire Service
- Hazardous Material
- Law Enforcement
- Other

Point of Contact
**Secondary Inspection**

<table>
<thead>
<tr>
<th>Sponsor: DHS/DNDO/OSD</th>
<th>Course Length: 2 Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Delivery: Residential Training</td>
<td>Course Level: Not Applicable</td>
</tr>
</tbody>
</table>

**Course Description**

The Secondary Inspection process integrates isotope identification into your tactics. We review radiation detection principles into what you normally do to help you use the instruments in your process successfully.

For further information please contact:

Kay Farrow-Smith  
DNDO Office of Operations Support Directorate  
Training and Exercise  
Phone: 202.254.7101  
Email: dndotraining@hq.dhs.gov

**Prerequisites**

- BAS2100IL Radiation Fundamentals
- FOP3100IL Threat and Mission
- FOP3200IL Primary Screening

In addition, prior to taking this course, students will need to have received and completed the equipment training on their respective agencies RIID detection instruments and be proficient with Primary Screening equipment.

**Mission Areas**

- Prevent

**Target Audience**

- Emergency Management Agency  
- Fire Service  
- Hazardous Material  
- Law Enforcement  
- Other

**Point of Contact**
Threat and Mission

Sponsoring Agency: DHS/DNDO/OSD
Course Delivery: Residential Training

Course Description

This Instructor Lead includes information on the U.S. government's efforts to detect the illicit shipments of Rad/Nuc materials internationally. It discusses the threat which they pose, behaviors which may be exhibited by terrorists engaging in these activities, and suggestions on how to effectively deal with these threats.

For further information please contact:

Kay Farrow-Smith
DNDO Office of Operations Support Directorate
Training and Exercise
Phone: 202.254.7101
Email: dndotraining@hq.dhs.gov

Prerequisites
- N/A

Mission Areas
- Prevent

Target Audience
- Emergency Management Agency
- Fire Service
- Hazardous Material
- Law Enforcement
- Other

Point of Contact
**Basic Principles of Radiation**

**Sponsoring Agency:** DHS/DNDO/OSD  
**Course Length:** 1 Hour  
**Course Delivery:** Residential Training  
**Course Level:** Not Applicable

**Course Description**

This Instructor Led Training (ILT) provides a foundation for understanding the behavior of radiation and sets the stage for discussions regarding personnel safety and instrument detection capabilities. Working with radioactive material is not something everyone does. Issues of personal safety need to be understood, because they are a massive concern. In order to begin feeling competent when working around radioactive materials and implementing the RND mission, a basic understanding of what radiation is and how it behaves is necessary.

For more information please contact:

Kay Farrow-Smith  
DNDO Office of Operations Support Directorate  
Training and Exercise  
Phone: 202.254.7101  
Email: dndotraining@hq.dhs.gov

**Prerequisites**  
- N/A

**Mission Areas**  
- Prevent

**Target Audience**  
- Law Enforcement

**Point of Contact**
Radiological Nuclear Detection Reachback

DHS-023-PREV

Sponsoring Agency: DHS/DNDO/OSD
Course Length: 2 Hours
Course Delivery: Residential Training
Course Level: Not Applicable

Course Description
This training provides instruction to students on how to properly conduct the Reachback process. The course provides materials for students to be able to demonstrate the Reachback process. Equipment used in the course involve using a RIID and sending the collected data to the Joint Analysis Center Collaborative Information System (JACCIS) for alarm adjudication and further assessment.

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Training and Exercise
Phone: 202.254.7101
Email: dndotraining@hq.dhs.gov

Prerequisites
- Radiation Fundamentals
  Threat and Mission
  Primary Screening
  Secondary Inspection
In addition, prior to taking this course, participants will need to have received and completed the equipment training on their respective agencies RIID detection instruments and be proficient with Primary Screening and Secondary Inspection equipment.

Mission Areas
- Prevent

Target Audience
- Law Enforcement

Point of Contact
Course Description
This training is intended for public safety officers, such as law enforcement, emergency medical services, fire services and hazardous materials (HazMat) teams, and other skilled personnel, who will be issued a Sensor Technologies Engineering, Inc. Pager-S device to provide immediate support services for the prevention, detection, and interdiction of illicit radiological/nuclear materials. Participants are those who will be tasked to carry a personal radiation detector (PRD) for detection of illicit radioactive materials while conducting their normal job functions and/or will be performing primary screening (initial detection) for radioactive materials at designated locations.

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Training and Exercise
Phone: 202.254.7101
Email: dndotraining@hq.dhs.gov

Prerequisites
- BAS2150IL Basic Principles of Radiation or/ BAS2160WB Basic Principles of Ionizing Radiation

Mission Areas
- Prevent

Target Audience
- Law Enforcement

Point of Contact
Course Description
This training is intended for public safety officers, such as law enforcement, emergency medical services, fire services and hazardous materials (HazMat) teams, and other skilled personnel, who will be issued a D-Tect Systems Mini Rad-D device to provide immediate support services for the prevention, detection, and interdiction of illicit radiological/nuclear materials. Participants are those who will be tasked to carry a personal radiation detector (PRD) for detection of illicit radioactive materials while conducting their normal job functions and/or will be performing primary screening (initial detection) for radioactive materials at designated locations.

Kay Farrow-Smith
DNDO Office of Operations Support Directorate
Training and Exercise
Phone: 202.254.7101
Email: dndotraining@hq.dhs.gov

Prerequisites
- BAS2150IL Basic Principles of Radiation or/ BAS2160WB Basic Principles of Ionizing Radiation

Mission Areas
- Prevent

Target Audience
- Law Enforcement

Point of Contact
Course Description
The scope of this training module includes information and skills practiced for a pre-operational check of the Thermo PackEye. Participants will prepare and use the Packeye instrument for field operation in accordance with applicable agency policy and procedures.

Kay Farrow-Smith
DNDO Office of Operations Support Directorate
Training and Exercise
Phone: 202.254.7101
Email: dndotraining@hq.dhs.gov

Prerequisites
- Basic Principles of Radiation (Instructor-Led) or Basic Principles of Ionizing Radiation (Web-based)

Mission Areas
- Prevent

Target Audience
- Law Enforcement

Point of Contact
Course Description
This training provides instruction on the IdentiFINDER Radiation Isotope Identification Device (RIID). This training is for personnel that provide immediate support services for the prevention, detection, and interdiction of illicit radiological/nuclear materials.

For more information please contact:
Kay Farrow-Smith
DNDO Office of Operations Support Directorate
Training and Exercise
Phone: 202.254.7101
Email: dndotraining@hq.dhs.gov

Prerequisites
- BAS2150IL - Basic Principles of Radiation (Instructor-Led) or
  Basic Principles of Ionizing Radiation

Mission Areas
- Prevent

Target Audience
- Law Enforcement

Point of Contact
**Web Enabled Primary and Secondary RND Training**  
**Sponsoring Agency:** DHS/DNDO/OSD  
**Course Length:** Primary Screening (PRD) 2 - 4 hours // Secondary Screening (RIID) 2 - 4 hours  
**Course Delivery:** Online Training  
**Course Level:** Awareness

**Course Description**
This training includes the functional use of a variety of PRDs and RIIDs, a basic understanding of the RND prevent mission, and includes practice in searching for illicit nuclear material in a photo-realistic field simulation environment. Upon successful completion of the training and passing the individualized quizzes on specific devices, videos lessons and/or search techniques, participants will be given a certificate of completion.

**Prerequisites**
- Students should have basic computer skills and have access to a computer work station and/or laptop and/or Police vehicle with web accessible Mobile Display Console (MDC). Program is also usable with tablet computer and/or smartphone with any standard web browser and an internet connection.

**Mission Areas**
- Prevent

**Target Audience**
- Law Enforcement

**Point of Contact**
Intelligence Analyst Professional Development Program (IAPDP)  

**Sponsoring Agency:** DHS/I&A/SLPO  
**Course Length:** 2-6 weeks depending on level  
**Course Delivery:** Residential Training  
**Course Level:** Not Applicable

**Course Description**

A comprehensive professional development (training) program aimed at providing a professional certification for criminal intelligence analysts. The program helps fill the gap between the legacy image of crime analysts as simple researchers in support of criminal investigations, and the current and future need for a professionalized team of skilled analysts, enabling law enforcement agencies to implement intelligence-led policing strategies. This program, the Intelligence Analyst Professional Development Program (IAPDP) consists of more than twenty weeks of course material broken into five job-structure levels, with up to nine class subjects in each level. It is designed to provide a continuing-education environment from entry level through ten plus-year career mastery. The five courses included in the program are Crime Analyst, I & II, and Criminal Intelligence Analyst I, II, and III. Each course builds on the prior course content, and is tailored to the knowledge, skills and abilities (KSAs) needed at that level. Basic courses focus on the basic skills such as critical thinking, writing, and briefing, as well as cover introductory information newly hired employees may not be aware of, such as the structure of the US Intelligence Community and the Texas Criminal Justice System. Each of the five courses comprises up to nine separate classes. These nine classes carry through each of the five courses as appropriate. Classes build up on each other with common themes and exercises where possible to create a holistic approach to learning. Classes: Texas Criminal Justice Systems; Overview of Intelligence Analysis; Intelligence Fusion Process; Critical Thinking and Analytic Methods; Research Methodology; Statistics; Principals of Intelligence Writing and Briefing; Open Source Intelligence; Vulnerabilities, Threats, and Risk Assessments.

**Prerequisites**  
- depends on level; courses tailored to different levels

**Mission Areas**  
- Prevent

**Target Audience**  
- Law Enforcement

**Point of Contact**
Strengthening Community Agrosecurity Planning (S-CAP)

**Sponsoring Agency:** DHS/Office of Health Affairs/FAVD  
**Course Length:** 10 hours (2 days)  
**Course Delivery:** Mobile Training  
**Course Level:** Management

**Course Description**

The two-day Strengthening Community Agrosecurity Planning (S-CAP) workshop enables community partners to build capacity to handle agricultural issues during an emergency or disaster; improve networking among stakeholders who can plan for and respond to emergencies; and develop community agrosecurity planning teams to establish or enhance agrosecurity components within existing local emergency operations plans. Workshop participants include a wide range of community members that come together to address the issues relevant to their specific agricultural vulnerabilities. The workshops help guide local Extension personnel and other community partners in developing and/or enhancing the agricultural component of their local emergency operations plan (EOP) to help safeguard the community's agriculture, food, natural resources, and pets. The workshops empower communities to build on their capacity to handle agricultural incidents through improved networking and team building. The S-CAP workshops implement a 'whole community' approach to agriculture emergency and disaster planning. Critical local agricultural infrastructure systems are identified and prioritized. Fifteen activities throughout the workshop enable participants to begin construction of or further develop agricultural components.

**Prerequisites**
- None

**Mission Areas**
- Prevent

**Target Audience**
- Emergency Medical Services

**Point of Contact**
**Bus Operator Security Training**

**Sponsoring Agency:** DHS/Science & Technology/Office of University Programs  
**Course Length:** 6 hours

**Course Delivery:** Mobile Training  
**Course Level:** Awareness

---

**Course Description**

This is an interactive classroom style course for bus operators to enhance their abilities to quickly and effectively evaluate suspicious and dangerous behaviors, and to take actions to protect themselves and their passengers. Training includes historical and factual information on global terrorism and public transit, factual and technical information on terrorist behaviors and actions for planning an attack and conducting an attack. Training also includes suggested avoidance measures bus operators can take to protect themselves and passengers. Bus Operators will also understand the importance of effective reports and learn the essential components for effective reporting.

**Prerequisites**

- This course does not have any prerequisites. Note- Course emphasizes that the application of this information must be done with respect to each agency's procedures and policies. For more information please contact: Georgia "Gia" Harrigan DHS Science & Technology Directorate Tel: 202-254-5643 georgia.harrigan@hq.dhs.gov

**Mission Areas**

- Prevent

**Target Audience**

- Law Enforcement  
- Other

**Point of Contact**
Neighborhood Watch Toolkit

**Sponsoring Agency:** DOJ/OJP/BJA

**Course Delivery:** Residential Training

**Course Description**
The new Neighborhood Watch Toolkit enhances Neighborhood Watch activities by providing formal training for law enforcement, Block Captains, and community volunteers. The Toolkit provides information and training on a wide variety of public and community safety-based topics, including volunteer management, partnerships and conducting effective meetings. In addition there specialized presentations for Area Coordinators and Block Captains and informative community-based presentations that are supplemented by numerous action-oriented Neighborhood Watch tools. The tools, templates and forms can be easily replicated or tailored to meet the individual needs of a local Neighborhood Watch organization.

**Prerequisites**
- None

**Mission Areas**
- Prevent

**Target Audience**
- Law Enforcement

**Point of Contact**
Michelle Shaw
DOJ/OJP/BJA
Phone: (202) 514-9354
Email: michelle.a.shaw@usdoj.gov
Crime Prevention through Environmental Design

Sponsoring Agency: DOT/FTA/TSI
Course Length: 2 Days
Course Delivery: Mobile Training
Course Level: Awareness

Course Description
Crime Prevention through Environmental Design (CPTED) links system security concepts and initiatives to the system safety program plan early in the transit life cycle. The course emphasizes and enhances industry training by incorporating preventive measures into the facilities design and operations planning, for agencies to be in compliance with the State Safety Oversight regulation. It is critical to plan and design safety and security into all aspects of physical and operational systems.

Target Audience:
Transit Managers (Executive, Safety, Risk), Safety Supervisors, Engineers, Security Program Planners/Developers/Administrators/Implementers, Auditors, and Corrective Action Personnel

Prerequisites
- N/A

Mission Areas
- Prevent

Target Audience
- Law Enforcement

Point of Contact
Radonna Snider
USDOT/Transportation Safety Institute/Transit Safety & Security Division
Phone: (405) 954-4799
Email: rsnider@tsi.jccbi.gov
DOT-001-PREV PREVENT
<table>
<thead>
<tr>
<th><strong>Transit System Security: Design Review</strong></th>
<th><strong>DOT-002-PREV</strong></th>
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<tbody>
<tr>
<td><strong>Sponsoring Agency:</strong> DOT/FTA/TSI</td>
<td><strong>Course Length:</strong> 2.5 Days</td>
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<tr>
<td><strong>Course Delivery:</strong> Mobile Training</td>
<td><strong>Course Level:</strong> Awareness</td>
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**Course Description**
This course is designed to aid transit safety and security personnel who need to have a proactive impact on the design review process during design and construction of new facilities, new starts, rehabilitation of existing facilities, or extensions to current systems. This will allow for the reduction of crime and improvement of employee and customer security. This course is beneficial to those individuals who need to understand the Design Review process.

**Prerequisites**
- None

**Mission Areas**
- Prevent

**Target Audience**
- Fire Service
- Governmental Administrative
- Law Enforcement
- Public Safety Communications

**Point of Contact**
Radonna Snider  
USDOT/Transportation Safety Institute/Transit Safety & Security Division  
Phone: (405) 954-4799  
Email: rsnider@tsi.jccbi.gov
**Protect Courses**

### Soft Target Awareness Course

<table>
<thead>
<tr>
<th>Sponsoring Agency: DHS/Preparedness Directorate/NA</th>
<th>Course Length: 4 Hours</th>
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</thead>
<tbody>
<tr>
<td>Course Delivery: Residential Training</td>
<td>Course Level: Not Applicable</td>
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</tbody>
</table>

**Course Description**

This program provides facility managers, supervisors, and security and safety personnel with a venue to receive and share baseline terrorism awareness, prevention and protection information and is intended to enhance individual and organizational awareness. Participants learn to be proactive and better understand their roles deterring, detecting, and defending their facilities from terrorism. This awareness program is approximately 4 hours in duration and includes five modules of informal lecture and capstone guided discussion where participants gain an appreciation of why, when and how their facility, industry or sector is likely to be targeted.

**Prerequisites**
- None

**Mission Areas**
- Protect

**Target Audience**
- Other

**Point of Contact**

Alan Amano  
Cell Phone: 703-235-5721  
Email: Alan.D.Amano@hq.dhs.gov
**Boat Operator's Anti-Terrorism Training**

**Sponsoring Agency:** DHS/FLETC/Driver and Marine Division  
**Course Length:** 1 Week  
**Course Delivery:** Residential Training  
**Course Level:** Not Applicable

**Course Description**

The BOAT program is a one week course designed to instruct the experienced marine law enforcement officer in the advanced skills required to operate vessels in anti-terrorism/port security operations. The courses of this program address various requirements of the Presidents National Strategy for Maritime Security. The course Strategic Maritime Threat, examines the fundamentals of Maritime Domain Awareness as well as terrorist tactics, techniques and entry points. There is also a review of how many of the aspects of criminal and terrorist activities are synonymous and that terrorists are now exploiting traditional criminal activities to support their missions. The Boat Tactics Static Security Zone and Boat Tactics Moving Security Zone courses cover; accepted terminology, zone responsibilities, patrolling techniques, clearing field of fire, pre-arrival requirements i.e. (pier inspections and escort route inspections), and defensive boat tactics i.e. (intercept, screening, herding and shouldering) that are consistent with the Department of Homeland Security standards and U.S. Coast Guard policy and procedures. The Maritime Law course addresses jurisdictional and authority issues related to the enforcement of security zones. The Patriot Act is also discussed in reference to the sections dealing with Mass Transportation, Maritime Navigation, Maritime Fixed Platforms and Material Support to Terrorist. The Tactical Electronics course instructs the student in the application of various pieces of electronic equipment for surveillance purposes and to identify position in relation to security zone boundaries. This is especially important as it relates to Use of Force issues.

**Prerequisites**

- Experienced Vessel Operator

**Mission Areas**

- Protect

**Target Audience**

- Law Enforcement

**Point of Contact**

Billy R. McLeod Jr.  
Federal Law Enforcement Training Center  
Driver and Marine Division  
Phone: 912-267-2485  
Email: Billy.Mcleod@dhs.gov
CIKR Asset Protection Technical Assistance Program (CAPTAP)

Sponsoring Agency: DHS/IP/IICD
Course Length: 32 Hours
Course Delivery: Online Training
Course Level: Not Applicable

Course Description
CIKR Asset Protection Technical Assistance Program (CAPTAP) assists State and local law enforcement, first responders, emergency management, and other homeland security officials how to use C/ACAMS as the platform to support the development and implementation of an infrastructure asset protection program. CAPTAP is a weeklong course that includes understanding processes, methodologies, and resources necessary to identify, assess, prioritize, and protect infrastructure assets. An overview of the development, implementation, and operation of a CIKR protection program, leveraging lessons learned and best practices from State and local CIKR protection programs, including: o Understanding the CIKR protection environment; o Understanding State and local roles and responsibilities associated with the NIPP risk management framework; o Engaging in and fostering public/private partnerships; o Developing a multidisciplinary and multi-jurisdictional CIKR protection program; o Defining, identifying, and cataloging CIKR sites and systems; o Conducting CIKR assessments; o Cataloging CIKR asset information using recognized naming and cataloging conventions; o Integrating mapping and geospatial information services (GIS); o Understanding, implementing, and using Protected Critical Infrastructure Information (PCII) protection measures; o Implementing preventive and protective actions at and around CIKR sites; o Conducting pre-incident security enhancement planning; o Conducting site assessment out-briefs; o Developing, implementing, and communicating target-hardening options; and o Integrating CIKR protective programs with fusion centers and/or emergency operation centers. An on-site assessment walk-through at a CIKR site, including: o Effectively coordinating and communicating with CIKR asset owner/operators and on-site security and facilities personnel; o Applying the assessment methodology; and o Conducting CIKR owner/operator out-briefs.

Prerequisites
- For additional information on prerequisites, please see http://www.dhs.gov/xinfo/share/programs/gc_1195679577314.htm

Mission Areas
- Protect

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Public Works

Point of Contact
Ricky Morgan
Phone: 703-235-3908
Preparing for and Managing the Consequences of Terrorism

Sponsoring Agency: National Interagency Civil-Military Institute (NICI)/NA/NA
Course Length: 5 Days
Course Delivery: Residential Training
Course Level: Not Applicable

Course Description
This course trains civilian emergency managers, first responders, and military personnel to work together in planning and conducting emergency responses to terrorism. It also includes practical exercises.

Prerequisites
- Involvement in organizations that plan for, mitigate, respond to, and promote the recovery of terrorist acts.

Mission Areas
- Protect

Target Audience
- Fire Service
- Hazardous Material

Point of Contact
Lieutenant Colonel Bonnie Gosney
NICI, P.O. Box 4209, San Luis Obispo, CA 93403
Phone: 805-782-6701
Email: gosneyb@nici.org
WMD/Terrorism Chapter Leadership Course

**Sponsoring Agency:** DoD/Clara Barton Center for Domestic Preparedness, Pine Bluff Arsenal, American Red Cross, and General Physics Corporation/NA

**Course Length:** 3.5 Days

**Course Delivery:** Residential Training

**Course Level:** Not Applicable

**Course Description**

The purpose of this course is to provide Red Cross paid and volunteer staff the knowledge, skills, and abilities that enable them to develop response plans, conduct preparedness and mitigation activities, and initiate the response to a weapons of mass destruction/terrorist (WMD/T) incident within their unit's jurisdiction.

**Prerequisites**

- Students must have a role and responsibilities in the local planning, preparedness, and initial response to a WMD/Terrorist incident.

**Mission Areas**

- Protect

**Target Audience**

- Other

**Point of Contact**

Tim Jones
Manager, WMD/Terrorism Training Program, ARC
2025 E Street NW, Washington, DC 20006
Phone: 202-303-7271
Email: JonesTim@usa.redcross.org
Website: http://www.redcross.org
**Alarm Response Training Program**

**Sponsoring Agency:** Department of Energy/National Nuclear Security Administration

**Course Length:** 24 Hours

**Course Delivery:** Residential Training

**Course Level:** Performance

**Course Description**

The Global Threat Reduction Initiative (GTRI) reduces and protects vulnerable nuclear and radiological material located at civilian sites worldwide. GTRI's Domestic Material Protection (DMP) program works to further increase the protection of radiological sources located at public and commercial facilities in the United States. GTRI support is provided at no cost and includes security assessments, security upgrades, and security training. The Alarm Response Training (ART) is a key offering of GTRI's DMP program. One major requirement of an effective security system is a well-trained and equipped response force that can respond to an event in a timely manner. GTRI developed the ART specifically for on-site personnel (staff and responders) and local responders who support the protection of sites with radiological materials. The Alarm Response Training Program is conducted at the U.S. National Nuclear Security Administration’s Y-12 site in Oak Ridge, Tennessee. The facilities at Y-12 enable participants to conduct hands-on training in a realistic setting utilizing actual radiation source materials and protection equipment. However, the format is flexible and can be used at multiple venues. The training prepares and provides on-site personnel and local responders the knowledge to protect themselves and the public during events involving radioactive materials. The course, spanning 3 days, moves from classroom lectures, to a table top exercise, and finally to realistic operationally-based field exercise scenarios. In addition to the essential objectives, the course can be tailored to specific response force organizations. A certificate will be given upon successful completion of the course.

**Prerequisites**
- None

**Mission Areas**
- Protect

**Target Audience**
- Hazardous Material
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works

**Point of Contact**

Toby Williams
Phone: 865-241-2945
Email: Williamsjt@y12.doe.gov
**Course Description**

The Global Threat Reduction Initiative (GTRI) reduces and protects vulnerable nuclear and radiological material located at civilian sites worldwide. GTRI's Domestic Material Protection (DMP) program works to further increase the protection of radiological sources located at public and commercial facilities in the United States. GTRI support is provided at no cost and includes security assessments, security upgrades, and security training. GTRI provides Thermo RadEyeG model units (and PRD-ER on case-by-case basis) to on-site response personnel for use in protecting themselves and assessing the potential radiation environment during their response to alarm events at locations housing high-risk radioactive materials. The purpose of the Personal Radiation Device (PRD) Train-the-Trainer (TTT) course is to ensure the proper use of the GTRI-provided RadEye G and PRD-ER units, and the proper development of on-site PRD training and maintenance programs. The GTRI PRD TTT is focused on the use of PRDs for personnel protection when responding to incidents potentially involving radioactive materials. This training course does not cover the use of PRDs for interdiction missions. GTRI developed the PRD TTT course specifically for on-site personnel (staff and responders) and local responders who support the protection of sites with radiological materials. The Personal Radiation Device Train-the-Trainer course is conducted at the U.S. National Nuclear Security Administration's Y-12 site in Oak Ridge, Tennessee. The facilities at Y-12 enable participants to conduct hands-on training in a realistic setting utilizing actual radiation source materials. However, the format is flexible and can be used at multiple venues. The course, spanning 2 days, uses classroom lectures and hands on exercises. In addition to the essential objectives, the course can be tailored to specific response force organizations. A certificate will be given upon successful completion of the course.

**Prerequisites**
- None

**Mission Areas**
- Protect

**Target Audience**
- Emergency Medical Services
- Fire Service
- Health Care
- Law Enforcement
- Public Health

**Point of Contact**
Transit System Security

Sponsoring Agency: DOT/Federal Transit Administration/Transportation Safety Institute
Course Length: 4.5 Days
Course Delivery: Mobile Training
Course Level: Not Applicable

Course Description
Participants will receive the necessary information on how to develop a System Security Program Plan (SSPP) and how to implement the program. They will be shown how to use resources to reduce crime and improve passenger and employee security. The course provides a uniform format for developing and implementing security policies and procedures through a SSPP with crime prevention as the major component. Included are basic security terms, the eight steps in threat and vulnerability identification, and resolution process. The course addresses security in system planning, design, and construction; agency policies and procedures; managing special security issues; and various types of transit security staffing. Incident command system and coordination of response efforts and resources (NIMS/NRP) are also included.

Prerequisites
- NA

Mission Areas
- Protect

Target Audience
- Other

Point of Contact
Radonna Snider
USDOT/Transportation Safety Institute/Transit Safety & Security Division
Phone: (405) 954-4799
Email: rsnider@tsi.jccbi.gov
Respond Courses

**Personal Protective Equipment**

<table>
<thead>
<tr>
<th>Sponsoring Agency: DHS/FEMA/CSEPP</th>
<th>Course Length: 8 Hours</th>
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<tbody>
<tr>
<td>Course Delivery: Residential Training</td>
<td>Course Level: Not Applicable</td>
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</tbody>
</table>

**Course Description**

This course provides students with information about the role of personal protective equipment (PPE) in the CSEPP emergency response. Students are also briefed on the different types of PPE; how to use and maintain PPE; and, factors that affect work rules, policies and procedures relating to use of PPE. Certification at medical competency, and agreement to remain clean-shaven for the duration of the course required. This course does not address the nuclear or biological components.

**Prerequisites**
- None

**Mission Areas**
- Respond

**Target Audience**
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement

**Point of Contact**

Mr. Robert Norville
500 C Street SW, Suite 629C
Washington, DC 20472
Phone: 202-646-2734
Email: Robert.Norville@dhs.gov
Preparation for the Suicide Homicide Bomber

Sponsoring Agency: DHS/ICE/FPS
Course Length: 2 Days
Course Delivery: Residential Training
Course Level: Not Applicable

Course Description
Developed in collaboration with the Federal Protective Service (FPS), the Preparation for the Suicide/Homicide Bomber training course guides participants through an examination of suicide bombings from a combating terrorism community perspective. The two-day course leads the student through three levels of training: Awareness Level, Operations Level, and Command Level. A few examples of topics addressed are: The Makings of a Suicide/Homicide Bombing, Proactive Countermeasures, Handling the Pre-detonation Scene, and an Overview of the National Incident Management System.

Prerequisites
- None

Mission Areas
- Respond

Target Audience
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement

Point of Contact
Joseph Trindal
Department of Homeland Security
Phone: 202-359-8505
Email: joseph.trindal@dhs.gov
Course Description
This course is designed to prepare participants to identify antidotes to be administered in the event of nerve agent exposure; identify the conditions under which antidote auto-injectors should be used; demonstrate the use of the antidote auto-injector; and, recognize adverse reactions to the use of the antidotes. Certification of medical competency required. Does not address the nuclear or biological components.

Prerequisites
- None

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement

Point of Contact
Mr. Robert Norville
500 C Street SW, Suite 629C Washington, DC 20472
Phone: 202-646-2734
Email: Robert.Norville@dhs.gov
Surveillance Detection Training for Municipal Officials, State & Local Law Enforcement

Sponsoring Agency: DHS/OIP/NA
Course Delivery: Residential Training
Course Level: Not Applicable
Course Length: 3 Days

Course Description
This three (3) day program is offered to municipal security officials, state/local and tribal law enforcement agencies to provide the knowledge and skill necessary to establish surveillance detection teams to protect critical infrastructure and key resources during periods of elevated threats. Learning activities provide an awareness of terrorist tactics, attack history and illustrates the means and methods to detect surveillance through practical exercises at venues selected by the host agency. Participants collaborate with other security and law enforcement professionals and develop a usable surveillance detection plan.

Prerequisites
- At minimum participants must have an understanding of basic security principles with responsibilities for facility/building security and developing plans to enhance infrastructure security during periods of elevated threats.

Mission Areas
- Respond

Target Audience
- Other

Point of Contact
Alan Amano
Cell Phone: 703-235-5721
Email: Alan.D.Amano@hq.dhs.gov
Course Description
This is a series of self-contained CD-ROM, computer-based training programs designed to provide challenges to the newly appointed, inexperienced fire officer as well as experienced fire officers.

Prerequisites
- NA

Mission Areas
- Respond

Target Audience
- Other

Point of Contact
Robert J. Bennett
National Fire Academy
16825 S. Seton Avenue Emmitsburg, MD 21727
Phone: 301-447-1483
Fax: 301-447-1178
Email: robertj.bennett@dhs.gov
Website: http://www.usfa.fema.gov
Surveillance Detection for Commercial Infrastructure Operators and Security Staff

Course Description
This Surveillance Detection course is designed for commercial infrastructure operators and security staff and provides a foundation for developing and applying plans which include the fundamentals of Surveillance Detection, recognizing the indicators of an attack, implementing appropriate responses and reporting observations with the necessary detail to aid security officials.

Prerequisites
- N/A

Mission Areas
- Respond

Target Audience
- Other

Point of Contact
Alan Amano
Cell Phone: 703-235-5721
Email: Alan.D.Amano@hq.dhs.gov
### First Responders to Digital Evidence (FRDE)

<table>
<thead>
<tr>
<th>Sponsoring Agency: DHS/Federal Law Enforcement Training Center/Computer and Financial Investigations Division</th>
<th>Course Length: N/A</th>
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<tr>
<td>Course Delivery: N/A</td>
<td>Course Level: Awareness</td>
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**Course Description**

The purpose of this program is to provide training necessary to any criminal investigator who may be a first responder in a situation in which computer based evidence may be recovered. While not being overwhelmingly technical in delivery, this program provides a sufficient overview of technology in order to adequately prepare the criminal investigator for taking proper steps necessary to assess, acquire, and preserve digital evidence during the conduct of an investigation.

**Prerequisites**
- N/A

**Mission Areas**
- Respond

**Target Audience**
- Law Enforcement

**Point of Contact**
Wayne Anderson
Phone: 912.267.2724
Email: wayne.anderson@dhs.gov
<table>
<thead>
<tr>
<th><strong>Dynamic Entry Training</strong></th>
<th><strong>DHS-115-RESP</strong></th>
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<tbody>
<tr>
<td><strong>Sponsoring Agency:</strong></td>
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<tr>
<td><strong>Course Delivery:</strong></td>
<td>Mobile Training</td>
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</table>

**Course Description**

The Dynamic Entry Training Course is designed to provide training in the construction and emplacement of the explosive breaching charges, tools, and techniques for mechanical or shotgun breaching, and best practice employment techniques during a dynamic assault. Breaching methods taught in this course are based on tactics, techniques, and procedures used in DoD and law enforcement training. Classroom theory and knowledge are applied directly to techniques under realistic conditions and scenarios.

**Prerequisites**
- To be determined per course/customer requirements

**Mission Areas**
- Respond

**Target Audience**
- Law Enforcement
- Other

**Point of Contact**

Kenneth Jaeger  
Phone: 703-235-5756  
E-mail: kenneth.jaeger1@dhs.gov
Course Description
This course is intended to provide participants with an enhanced capability to coordinate, direct, and conduct Remotely Operated Vehicle (ROV) response operations in the port security mission validating Underwater Hazardous Device (UHD) threats. Underwater search techniques on common port infrastructure and operating safely in a UHD environment are emphasized. This course is designed to take the participants from basic ROV operations to advanced port security ROV response operations.

Prerequisites
- To be determined per course/customer requirements

Mission Areas
- Respond

Target Audience
- Law Enforcement
- Other

Point of Contact
Training in Risk & Crisis Communication (TRACC)                  DHS-125-RESP

Sponsoring Agency: DHS/S&T/Resilient Systems Division
Course Length: 12 hours
Course Delivery: Mobile Training
Course Level: Management

Course Description
This course combines the most current academic and applied knowledge in the area of risk communication. It consists of three flexible modules that can be completed independently of one another or as a comprehensive program: Audience Analysis & Engagement, Media Relations, and a Crisis Communication Simulation.

Prerequisites
- n/a

Mission Areas
- Respond

Target Audience
- Law Enforcement

Point of Contact
Katherine Worboys Izsak
National Consortium for the Study of Terrorism and Responses to Terrorism
University of Maryland
8400 Baltimore Avenue, Suite 250,
College Park, MD 20740
Phone: (301) 405-6786
E-mail: kworboys@umd.edu
**Critical Response Team (CRT) Training**

**Sponsoring Agency:** DoD/Clara Barton Center for Domestic Preparedness/Pine Bluff Arsenal, American Red Cross, and General Physics Corporation

**Course Length:** 3.5 Days

**Course Delivery:** Residential Training

**Course Level:** Not Applicable

**Course Description**

The purpose of this training is to prepare individuals to serve as a member of an American Red Cross Critical Response Team (CRT) and effectively manage and lead the response to transportation, Weapons of Mass Destruction/Terrorism, and other mass casualty events.

**Prerequisites**
- None

**Mission Areas**
- Respond

**Target Audience**
- Other

**Point of Contact**

Tim Jones
Manager, WMD/Terrorism Training Program, ARC
2025 E Street NW, Washington, DC 20006
Phone: 202-303-7271
Email: JonesTim@usa.redcross.org
Website: http://www.redcross.org
Field Management of Chemical and Biological Casualties

Sponsoring Agency: DoD/U.S. Army Medical Research Institute of Chemical Defense (MRICD)/NA
Course Delivery: Residential Training
Course Length: 5 Days
Course Level: Not Applicable

Course Description
Intended for non-medical officers, non-commissioned officers, and first responders in military field units. Emphasizes initial treatment of casualties, transportation, and decontamination of chemical and biological agent casualties. Held 4 times per year at the U.S. Army MRICD and the U.S. Army Medical Research Institute of Infectious Diseases.

Prerequisites
- Intended for non-medical officers, non-commissioned officers, and first responders in military field units.

Mission Areas
- Respond

Target Audience
- Fire Service
- Hazardous Material
- Law Enforcement

Point of Contact
Ms. Janell Fisher
USAMRICD
Edgewood Area, Aberdeen Proving Ground, MD 21010
Phone: 410-436-2230
Email: janell.fisher@amedd.army.mil
Website: http://ccc.apgea.army.mil
**Medical Management of Chemical and Biological Casualties**

**Sponsoring Agency:** DoD/U.S. Army MRICD/MRIID

**Course Delivery:** Residential Training

**Course Length:** 6 Days (4 times per year at USAMRICD)

**Course Description**

Sponsored by the Army Medical Research Institute of Infectious Diseases (MRIID) and Medical Research Institute of Chemical Defense (MRICD). This course is intended for military medical personnel (physicians, nurses, physicians' assistants, and certain corpsmen) and for civilian medical personnel who work around military chemical agents or who might manage military chemical or biological agent casualties (e.g., in war or after a depot accident). The prerequisite is that the attendee be a health care provider. The course is held four times a year at the U.S. Army Medical Research Institute of Chemical Research (MRICR) and Medical Research Institute of Infectious Diseases (MRIID).

**Prerequisites**

- The prerequisite is that the attendee be a health care provider.

**Mission Areas**

- Respond

**Target Audience**

- Emergency Medical Services
- Fire Service
- Hazardous Material
- Health Care

**Point of Contact**

Ms. Janell Fisher

USAMRICD

Edgewood Area, Aberdeen Proving Ground, MD 21010

Phone: 410-436-2230

Email: janell.fisher@medd.army.mil

Website: http://ccc.apgea.army.mil
Course Description
The purpose of this training is to provide basic information about the issues and safety concerns in providing emergency human services in an environment involving a weapon of mass destruction and/or terrorism incident.

Prerequisites
- It is recommended that students complete Introduction to Disaster Services (ARC 3066).

Mission Areas
- Respond

Target Audience
- Fire Service
- Law Enforcement
- Other

Point of Contact
Tim Jones
Manager, WMD/Terrorism Training Program, ARC 2025 E Street NW, Washington, DC 20006
Phone: 202-303-7271
Email: JonesTim@usa.redcross.org
Website: http://www.redcross.org
Hospital Management of Chemical, Biological, Radiological, Nuclear and Explosive Incidents - (HM-CBRNE)

Sponsoring Agency: DoD/US Army Medical Research Institute of Chemical Defense (USAMRICD)/Chemical Casualty Care Division (CCCD), US Army Medical Research Institute of Infectious Diseases (USAMRIID), Armed Forces Radiobiology Research Institute (AFRRI)

Course Delivery: Residential Training

Course Description
This course is designed to equip military and civilian hospital-based medical and management professionals with skills, knowledge, and information resources to carry out the full spectrum of healthcare-facility responsibilities required by a chemical, biological, radiological/nuclear, explosive (CBRNE), or mass-casualty event. Classroom instruction, scenarios, and tabletop exercises focus on diagnosis, treatment, and incident management in response to mass-casualty events of all types, including incidents involving weapons of mass destruction. The course provides healthcare professionals with management skills necessary to deal with the medical, physical, economic, and other challenges posed by such incidents.

Prerequisites
- It is recommended that students complete Introduction to Disaster Services (ARC 3066).

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications

Point of Contact
Not available at this time.
Improvised Explosive Device (IED) Response on Mass Transit and Passenger Rail Systems

Sponsoring Agency: DoD/Department of Army/JITEC
Course Length: (3 Training Days) 28 hours
Course Delivery: Residential Training
Course Level: Performance

Course Description
This course provides an environment for First Responders to perform tactical operations in a scenario-driven exercise under realistic incident conditions involving a post-blast IED incident on a mass transit or passenger rail system. Scenarios are based on the most current threat assessment available for mass transit and passenger rail systems. Training addresses the technical aspects of planning and implementing an Incident Command System to provide command and control over a post-IED incident utilizing classroom presentations, hands-on performance based training, and a full-scale exercise in a realistic environment located at the Center for National Response (CNR) Memorial Tunnel Complex, Gallagher, West Virginia. The Transportation Security Administration, West Virginia National Guard, JITEC, and West Virginia University are collaborative partners in this training.

Prerequisites
- N/A

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works

Point of Contact
Registration Point of Contact

Ms. Natasha Kelly
Public Relations Representative and Training Coordinator
Homeland Security Programs at West Virginia University
886 Chestnut Ridge Road, Room 309
Morgantown, WV 26506
Internet address http://hsp.wvu.edu/trai
Phone 304 293 4233
E-mail Natasha.Kelly@mail.wvu.edu
Course Description
This course provides a venue for First Responders to perform tactical operations in a scenario-driven exercise under realistic incident conditions involving a WMD hazardous materials (HazMat) incident on a freight rail system involving a mass transit and/or passenger rail systems. Scenarios are based on the most current threat assessment available for freight rail, mass transit, and passenger rail systems. Training addresses the technical aspects of planning and implementing an Incident Command System to provide command and control over a WMD HazMat incident utilizing classroom presentations, a functional seminar, hands-on performance training, and a full-scale exercise in a realistic venue located at the Center for National Response (CNR) Memorial Tunnel Complex, Gallagher, West Virginia. The Transportation Security Administration, West Virginia National Guard, JITEC, and West Virginia University are collaborative partners in this training.

Prerequisites
- N/A

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works

Point of Contact
**Course Description**

This course provides an environment for First Responders to perform tactical operations in a scenario-driven exercise under realistic incident conditions involving a post-blast IED incident on a mass transit or passenger rail system. Scenarios are based on the most current threat assessment available for mass transit and passenger rail systems. Training addresses the technical aspects of planning and implementing an Incident Command System to provide command and control over a post-IED incident utilizing classroom presentations, hands-on performance based training, and a full-scale exercise in a realistic environment. The Transportation Security Administration, West Virginia National Guard, JITEC, and West Virginia University are collaborative partners in this training.

**Prerequisites**
- ICS Levels 100,200,300,700, 800

**Mission Areas**
- Respond

**Target Audience**
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement

**Point of Contact**
A WMD Event: Freight Rail Hazardous Materials Incident Response Involving Mass Transit and Passenger Rail Systems

Sponsoring Agency: JITEC/DA/WVNG/DoD
Course Length: 5 days, 50 hours
Course Delivery: Mobile Training
Course Level: Performance

Course Description
This course provides a venue for First Responders to perform tactical operations in a scenario-driven exercise under realistic incident conditions involving a WMD hazardous materials (HazMat) incident on a freight rail system involving a mass transit and/or passenger rail systems. Scenarios are based on the most current threat assessment available for freight rail, mass transit, and passenger rail systems. Training addresses the technical aspects of planning and implementing an Incident Command System to provide command and control over a WMD HazMat incident utilizing classroom presentations, a functional seminar, hands-on performance training, and a full-scale exercise in a realistic venue. The Transportation Security Administration, West Virginia National Guard, JITEC, and West Virginia University are collaborative partners in this training.

Prerequisites
- ICS 100, 200, 300, 700, 800 Basic Hazardous Materials (HazMat) Operator Certification

Mission Areas
- Respond

Target Audience
- Law Enforcement

Point of Contact
Emergency Medical Response to a WMD Incident on a Mass Transit and Passenger Rail System

Sponsoring Agency: Joint Interagency Training and Education Center (JITEC)/DoD/Department of the Army
Course Delivery: Residential Training

Course Description
This course provides a venue for First Responders to perform tactical operations in a scenario-driven exercise under realistic incident conditions involving emergency medical response to a WMD incident on a mass transit and passenger rail systems. This course is designed to provide the participants with the medical skill set needed to provide initial casualty care in a post-WMD incident environment. Content in the course is based on guidelines from the Department of Defense Committee on Tactical Combat Casualty Care and the civilian Committee for Tactical Emergency Casualty Care. Participants will receive an overview of mass transit and passenger rail systems, instruction on the history of tactical emergency care, current emergency casualty care guidelines for high-threat environments, field triage, the use of tourniquets, casualty extraction techniques, basic airway management techniques, and methods of hemorrhage control. Hands-on training will be provided at medical skills stations. Casualty scenarios will require the student to evaluate and provide initial care to mass transit and passenger rail casualties inside direct and indirect threat situations. This course is designed to allow the First Responders to function in situations typically denied of Emergency Medical Services entry. The course includes classroom presentations, skill performance stations, a situational training exercise, and a large scale casualty scenario exercise in a realistic venue located at the Center for National Response (CNR) Memorial Tunnel Complex, Gallagher, West Virginia. The Transportation Security Administration, West Virginia National Guard, JITEC, and West Virginia University are collaborative partners in this training.

Prerequisites
- N/A

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement

Point of Contact
**Course Description**

Nuclear Emergency Team Operations is a 10-day course that offers hands-on training for members of a nuclear emergency response team. Subject matter includes modules on biological effects of radiation, response processes and capabilities, radiation detection equipment, contamination control stations, surveys, and command and control. The course culminates with several field exercises during which students fully dress in anti-contamination clothing, use RADIAC equipment, and perform realistic nuclear emergency team functions at the school's accident training sites.

**Prerequisites**
- The student must show proof on the first day of the course that he/she has been medically evaluated and cleared by a licensed physician to wear a full face respirator.

**Mission Areas**
- Respond

**Target Audience**
- Other

**Point of Contact**
Modular Emergency Response Radiological Transportation Training (MERRTT): Assessing Package Integrity

Sponsoring Agency: DOE/Office of Environmental Management/NA
Course Length: 30 Minutes
Course Delivery: Residential Training
Course Level: Not Applicable

Course Description
The purpose of this module is to increase your understanding of the information contained on warning labels and the radiation levels associated with radioactive material packages. Being able to correctly read the warning labels can help you assess the radioactive material package integrity, which in turn, will improve your ability to respond safely.

Prerequisites
- Technician Level HazMat Training

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Fire Service
- Hazardous Material

Point of Contact
Ella McNeil
19901 Germantown Road, EM-24/CLOV
Germantown, MD 20874
301-903-7284
Ella.McNeil@em.doe.gov
Course Description
To support weapons of mass destruction (WMD) training activities for State and local personnel. The computer-based training (CBT) course is divided into five training areas. WMD Agents and Properties and Usage: Learn the characteristics of terrorism, indicators and unique features, epidemiological clues, WMD incident vs. HAZMAT, and weapons of mass destruction effects. Planning and Procedures: Learn about current preparedness, WMD delta consideration, and legal considerations. Control Procedures: Learn about command and control functions, the incident command system (ICS), incident phase management, contamination procedures, decontamination procedures, chemical downwind hazard analysis, and law enforcement responsibilities. Protection Procedures: Learn about personal protective (PPE), detection and identification equipment for chemical agents, detection and identification equipment for biological agents, detection and identification equipment for radiological materials, and radiation protection guideline factors. WMD Review Library: Review agents, advanced concepts, and references.

Prerequisites
- None

Mission Areas
- Respond

Target Audience
- Emergency Medical Services
- Fire Service
- Law Enforcement

Point of Contact
Paul Terrazas, Online Learning Manager
Emergency Operations Training Academy (EOTA) P.O. Box 5400 KAFB, Albuquerque, NM 87185-5400
Phone: 505-845-5275
Fax: 505-845-5279
Email: pterrazas@doeal.gov
Website: http://eota.doeal.gov
Course Description
To support weapons of mass destruction (WMD) training activities for State and local personnel. The computer-based training (CBT) course is divided into seven training areas. Terrorism: Learn about the indicators of a WMD attack and methods of dissemination. WMD Agent Properties: Learn about explosive properties, chemical agent properties, biological agent properties, and radiological material properties. Treatment Procedures: Learn about the decontamination process, medical treatment, and casualty treatment. Protection Procedures: Learn about level of protection, chemical biological and radiological protection requirements, precautions and safety guidelines, and detection methods. HAZMAT First Responder Skills: Learn about the responder planning process, casualty management, and chemical downwind hazard analysis. WMD Review Library: Review agents, advanced concepts, and references. Testing: Enter an interactive scenario that will allow you to use the lessons learned in the CD-ROM in a simulation of a WMD incident.

Prerequisites
- None

Mission Areas
- Respond

Target Audience
- Emergency Medical Services
- Fire Service
- Law Enforcement

Point of Contact
Paul Terrazas, Online Learning Manager
Emergency Operations Training Academy (EOTA)
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Course Description
To support weapons of mass destruction (WMD) training activities for State and local personnel. The computer-based training (CBT) course is divided into seven training areas. Terrorism: Learn about the indicators of a WMD attack, epidemiological clues, and modes of dissemination. WMD Agent Properties: Learn about explosives, chemical agents, biological agents, and radiological material. Treatment Procedures: Learn about the decontamination process for chemical agents and radiological materials, treatment during an explosives incident, treatment during a chemical incident, treatment during a biological incident, and treatment during a radiological incident. Hospital and EMS Skills: Learn about EMS procedures, hospital care, management of mass casualties, incident phases, incident site consideration, biological and radiological special requirements, and responder-planning process. Protection Procedures: Learn about levels of protection, chemical, biological and radiological protection requirement, precautions and safety guidelines, and detection and identification equipment. WMD Review Library: Review agents, advanced concepts, and references. Testing: Enter an interactive scenario that will allow you to use the lessons learned in the CD-ROM in a simulation of a WMD incident.

Prerequisites
- None

Mission Areas
- Respond

Target Audience
- Emergency Medical Services
- Fire Service
- Law Enforcement

Point of Contact
Paul Terrazas, Online Learning Manager
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Website: http://eota.doeal.gov
**Course Description**

To support weapons of mass destruction (WMD) training activities for State and local personnel. The computer-based training (CBT) course is divided into five training areas. Terrorism: Learn about the characteristics of terrorism, terrorist WMD attack characteristics, indicators of a WMD attack, and WMD terrorism incident vs. HAZMAT incidents. WMD Agent Properties: Learn about explosives effects, chemical agent effects, and biological agent effects. Protection Procedures: Learn about detection and identification equipment, personal protective equipment, and safety procedures. Response Actions: Learn about the planning process for addressing WMD, decontamination process, role of 911 operators and dispatchers. WMD Review Library: Review agents, advanced concepts, and references.

**Prerequisites**
- None

**Mission Areas**
- Respond

**Target Audience**
- Emergency Medical Services
- Fire Service
- Law Enforcement

**Point of Contact**

Paul Terrazas, Online Learning Manager

Emergency Operations Training Academy (EOTA)
P.O. Box 5400 KAFB,
Albuquerque, NM 87185-5400
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**WMD CBT Disk 1: Chemical Exercise**

**Sponsoring Agency:** DOE/NA/NA  
**Course Length:** NA  
**Course Delivery:** Mobile Training  
**Course Level:** Not Applicable

**Course Description**
This exercise supports WMD training activities for State and local personnel - specifically State, city, and community incident commanders, their staffs, and law-enforcement personnel. It includes an interactive, chemical incident scenario and gives participants the opportunity to make decisions in a virtual Emergency Operations Center, using clickable screens, maps, and charts.

**Prerequisites**
- None

**Mission Areas**
- Respond

**Target Audience**
- Emergency Medical Services  
- Fire Service  
- Law Enforcement

**Point of Contact**
Paul Terrazas, Online Learning Manager  
Emergency Operations Training Academy (EOTA)  
P.O. Box 5400 KAFB, Albuquerque, NM 87185-5400  
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**WMD CBT Disk 2: Biological Exercise**

**Sponsoring Agency:** DOE/NA/NA

**Course Delivery:** Mobile Training

**Prerequisites**
- None

**Mission Areas**
- Respond

**Target Audience**
- Emergency Medical Services
- Fire Service
- Law Enforcement

**Point of Contact**
Paul Terrazas, Online Learning Manager
Emergency Operations Training Academy (EOTA)
P.O. Box 5400 KAFB, Albuquerque, NM 87185-5400
Phone: 505-845-5275
Fax: 505-845-5279
Email: pterrazas@doeal.gov
Website: http://eota.doeal.gov

This exercise supports WMD training activities for State and local personnel - specifically State, city, and community incident commanders, their staffs, and law-enforcement personnel. It includes an interactive, biological incident scenario and gives participants the opportunity to make decisions in a virtual Emergency Operations Center, using clickable screens, maps, and charts.
Course Description
This exercise supports WMD training activities for State and local personnel - specifically State, city, and community incident commanders, their staffs, and law-enforcement personnel. It includes an interactive, high-explosive incident scenario and gives participants the opportunity to make decisions in a virtual Emergency Operations Center, using clickable screen, maps, and charts.

Prerequisites
- None

Mission Areas
- Respond

Target Audience
- Emergency Medical Services
- Fire Service
- Law Enforcement

Point of Contact
Paul Terrazas, Online Learning Manager
Emergency Operations Training Academy (EOTA)
P.O. Box 5400 KAFB, Albuquerque, NM 87185-5400
Phone: 505-845-5275
Fax: 505-845-5279
Email: pterrazas@doeal.gov
Website: http://eota.doeal.gov
Course Description
This exercise supports WMD training activities for State and local personnel - specifically State, city, and community incident commanders, their staffs, and law enforcement personnel. It includes an interactive, radiological incident scenario and gives participants the opportunity to make decisions in a virtual Emergency Operations Center, using clickable screens, maps, and charts.

Prerequisites
- None

Mission Areas
- Respond

Target Audience
- Emergency Medical Services
- Fire Service
- Law Enforcement

Point of Contact
Paul Terrazas, Online Learning Manager
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P.O. Box 5400 KAFB, Albuquerque, NM 87185-5400
Phone: 505-845-5275
Fax: 505-845-5279
Email: pterrazas@doeal.gov
Website: http://eota.doeal.gov
## Modular Emergency Response Radiological Transportation Training (MERRTT): Biological Effects of Ionizing Radiation

**Sponsoring Agency:** DOE/OEM/NA  
**Course Length:** 30 Minutes  
**Course Delivery:** Residential Training  
**Course Level:** Not Applicable

### Course Description
In this module, the students will learn about the potential health effects of ionizing radiation, acute and chronic radiation exposure, and ways that radioactive material can enter the body.

### Prerequisites
- Awareness Level HazMat Training

### Mission Areas
- Respond

### Target Audience
- Hazardous Material

### Point of Contact
Ella McNeil  
19901 Germantown Road, EM-24/CLOV Germantown, MD 20874  
301-903-7284  
Ella.McNeil@em.doe.gov
Module Description

This module discusses ways in which equipment and personnel become contaminated with radioactive material and describes some field decontamination methods.

Prerequisites
- Technician Level HazMat Training

Mission Areas
- Respond

Target Audience
- Hazardous Material

Point of Contact
Ella McNeil
19901 Germantown Road, EM-24/CLOV
Germantown, MD 20874
301-903-7284
Ella.McNeil@em.doe.gov
Modular Emergency Response Radiological Transportation Training (MERRTT): Hazard Recognition

Sponsoring Agency: DOE/OEM/NA
Course Length: 30 Minutes
Course Delivery: Residential Training
Course Level: Not Applicable

Course Description
In this module, students will learn about the various communication requirements used by shippers of radioactive material.

Prerequisites
- Awareness Level HazMat Training

Mission Areas
- Respond

Target Audience
- Hazardous Material

Point of Contact
Ella McNeil
19901 Germantown Road, EM-24/CLOV
Germantown, MD 20874
301-903-7284
Ella.McNeil@em.doe.gov
Modular Emergency Response Radiological Transportation Training (MERRTT): Incident Command-Recovery Phase

Sponsoring Agency: DOE/OEM/NA
Course Length: 30 Minutes
Course Delivery: Residential Training
Course Level: Not Applicable

Course Description
This module provides information concerning the actions that must be completed at the scene of an incident involving radioactive material before the incident is moved to the recovery phase. The module also addresses issues that may be of concern during transition from the response phase to the recovery phase.

Prerequisites
- Incident Command Training

Mission Areas
- Respond

Target Audience
- Hazardous Material

Point of Contact
Ella McNeil
19901 Germantown Road, EM-24/CLOV
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Ella.McNeil@em.doe.gov
DOE-013-RESP RESPOND

DOE-013-RESP

Federal Catalog
Modular Emergency Response Radiological Transportation Training (MERRTT): Incident Command-Response Phase

**Sponsoring Agency:** DOE/OEM/NA  
**Course Length:** 30 Minutes

**Course Delivery:** Residential Training  
**Course Level:** Not Applicable

**Course Description**
This module describes the steps that an Incident Commander (IC) should take at the scene of an incident involving radioactive material. It discusses actions, hazards, and other considerations the IC should assess before allowing personnel to enter an incident scene. The module also identifies external agencies that are available to provide assistance to the IC, and identifies actions necessary for controlling access to an incident scene involving radioactive material.

**Prerequisites**
- Incident Command Training

**Mission Areas**
- Respond

**Target Audience**
- Hazardous Material

**Point of Contact**
Ella McNeil  
19901 Germantown Road, EM-24/CLOV  
Germantown, MD 20874  
301-903-7284  
Ella.McNeil@em.doe.gov

DOE-014-RESP RESPOND
Modular Emergency Response Radiological Transportation Training (MERRTT): Information Resources

Sponsoring Agency: DOE/OEM/NA  
Course Length: 30 Minutes

Course Delivery: Residential Training  
Course Level: Not Applicable

Course Description
This module provides information about resources, including shipping papers and State and Federal resources that can be of assistance at the scene of an incident involving radioactive material.

Prerequisites
- Operations Level HazMat Training

Mission Areas
- Respond

Target Audience
- Hazardous Material

Point of Contact
Ella McNeil  
19901 Germantown Road, EM-24/CLOV  
Germantown, MD 20874  
301-903-7284  
Ella.McNeil@em.doe.gov
Modular Emergency Response Radiological Transportation Training (MERRTT): Initial Response Actions

Sponsoring Agency: DOE/OEM/NA
Course Length: 30 Minutes
Course Delivery: Residential Training
Course Level: Not Applicable

Course Description
Students will learn to identify medical priorities at a radioactive material transportation incident. They will also learn to use the Emergency Response Guidebook (ERG), and how to isolate and control and accident scene.

Prerequisites
- Awareness Level HazMat Training

Mission Areas
- Respond

Target Audience
- Hazardous Material

Point of Contact
Ella McNeil
19901 Germantown Road, EM-24/CLOV
Germantown, MD 20874
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Ella.McNeil@em.doe.gov
DOE-016-RESP RESPOND
**Modular Emergency Response Radiological Transportation Training (MERRTT): Patient Handling**

**Sponsoring Agency:** DOE/OEM/NA  
**Course Length:** 30 Minutes  
**Course Delivery:** Residential Training  
**Course Level:** Not Applicable

**Course Description**
This module provides information on how to assess the risk of your response efforts, remembering that the care of the patient takes priority over radiological concerns.

**Prerequisites**
- Awareness Level HazMat Training

**Mission Areas**
- Respond

**Target Audience**
- Hazardous Material

**Point of Contact**
Ella McNeil  
19901 Germantown Road, EM-24/CLOV  
Germantown, MD 20874  
301-903-7284  
Ella.McNeil@em.doe.gov

DOE-017-RESP RESPOND
Modular Emergency Response Radiological Transportation Training (MERRTT): Pre-Hospital Practices

Sponsoring Agency: DOE/OEM/NA
Course Delivery: Residential Training

Course Description
In this module, the students will learn how to properly handle and manage patients involved in a radioactive material transportation incident.

Prerequisites
- EMS Training

Mission Areas
- Respond

Target Audience
- Hazardous Material
- Health Care

Point of Contact
Ella McNeil
19901 Germantown Road, EM-24/CLOV
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301-903-7284
Ella.McNeil@em.doe.gov
Modular Emergency Response Radiological Transportation Training (MERRTT): Public Information Officer

Sponsoring Agency: DOE/OEM/NA
Course Delivery: Residential Training
Course Length: 30 Minutes
Course Level: Not Applicable

Course Description
This module provides information about the role of the Public Information Officer (PIO) during transportation incidents involving radioactive material. The module also discusses public concerns and perceptions concerning radioactive material incidents, and identifies basic statements that should be delivered to the media and the general public during these incidents.

Prerequisites
- 30 Minutes

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Governmental Administrative
- Hazardous Material

Point of Contact
Ella McNeil
19901 Germantown Road, EM-24/CLOV
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301-903-7284
Ella.McNeil@em.doe.gov
Course Description
This module provides information about identifying packages used to transport radioactive material and how to recognize this material when responding to a transportation incident. Four types of packaging will be discussed: Excepted packaging, industrial packaging, Type A packaging, and Type B packaging. Students will learn the philosophy behind radioactive material packaging design as well as the safety features associated with the radioactive material package and the stringent package testing requirements.

Prerequisites
- Awareness Level HazMat Training

Mission Areas
- Respond

Target Audience
- Hazardous Material

Point of Contact
Ella McNeil
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Modular Emergency Response Radiological Transportation Training (MERRTT): Radiological Basics

Sponsoring Agency: DOE/OEM/NA  
Course Length: 30 Minutes  
Course Delivery: Residential Training  
Course Level: Not Applicable

Course Description
Upon completion of this module, students will have a better understanding of the basic structure of an atom and the fundamentals of radiation.

Prerequisites
- Awareness Level HazMat Training

Mission Areas
- Respond

Target Audience
- Hazardous Material

Point of Contact
Ella McNeil  
19901 Germantown Road, EM-24/CLOV  
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Modular Emergency Response Radiological Transportation Training (MERRTT): Radiological Survey Instruments and Dosimetry Devices

<table>
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<th>Course Length: 30 Minutes</th>
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<td>Course Delivery: Residential Training</td>
<td>Course Level: Not Applicable</td>
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Course Description
This module provides general information about radiological survey instruments. Basic function and limitations are discussed. Because there are many models of survey instruments available, this discussion provides only a general description of survey instrument types and uses.

Prerequisites
- Awareness Level HazMat Training

Mission Areas
- Respond

Target Audience
- Hazardous Material

Point of Contact
Ella McNeil
19901 Germantown Road, EM-24/CLOV
Germantown, MD 20874
301-903-7284
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Modular Emergency Response Radiological Transportation Training (MERRTT): Radiological Terminology Units

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<td>Course Delivery: Residential Training</td>
<td>Course Level: Not Applicable</td>
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</table>

Course Description
This module provides students with information about four different types of ionizing radiation. Radiological terminology used in the transport of radioactive material and radioactive waste will be defined and discussed. This module also identifies the different units used for measuring radiation and radioactivity.

Prerequisites
- Operations Level HazMat Training

Mission Areas
- Respond

Target Audience
- Hazardous Material

Point of Contact
Ella McNeil
19901 Germantown Road, EM-24/CLOV
Germantown, MD 20874
301-903-7284
Ella.McNeil@em.doe.gov
DOE-023-RESP RESPOND
Modular Emergency Response Radiological Transportation Training (MERRTT): Scene and Incident Control

**Sponsoring Agency:** DOE/OEM/NA  
**Course Length:** 30 Minutes

**Course Delivery:** Residential Training  
**Course Level:** Not Applicable

**Course Description**
This module provides information about methods used to control the spread of radioactive contamination at the scene of a transportation incident involving radioactive material. The process for identification and hazard assessment at a hazardous material incident will be introduced along with the protective measures of time, distance, and shielding. This module also discusses the use of personal protective equipment as well as proper work practices used to help control radiological contamination. Crowd control is also discussed in this module.

**Prerequisites**
- Operations Level HazMat Training

**Mission Areas**
- Respond

**Target Audience**
- Hazardous Material

**Point of Contact**
Ella McNeil  
19901 Germantown Road, EM-24/CLOV  
Germantown, MD 20874  
301-903-7284  
Ella.McNeil@em.doe.gov

DOE-024-RESP RESPOND
<table>
<thead>
<tr>
<th><strong>Modular Emergency Response Radiological Transportation Training (MERRTT): Shipments by DOE</strong></th>
<th><strong>DOE-025-RESP</strong></th>
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<tbody>
<tr>
<td><strong>Sponsoring Agency:</strong> DOE/OEM/NA</td>
<td><strong>Course Length:</strong> 30 Minutes</td>
</tr>
<tr>
<td><strong>Course Delivery:</strong> Residential Training</td>
<td><strong>Course Level:</strong> Not Applicable</td>
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</tbody>
</table>

**Course Description**
This module will teach students about the material being transported by the Department of Energy (DOE), and the modes used to transport material by DOE.

**Prerequisites**
- Awareness Level HazMat Training

**Mission Areas**
- Respond

**Target Audience**
- Hazardous Material

**Point of Contact**
Ella McNeil  
19901 Germantown Road, EM-24/CLOV  
Germantown, MD 20874  
301-903-7284  
Ella.McNeil@em.doe.gov
Course Description
This module describes the rationale and methods used in establishing hot, warm, and cold zones. The Emergency Response Guidebook (ERG) helps you establish guidelines for safe control zones. Considerations for selecting personal protective equipment (PPE), and basic radiological protection principles, at the scene of an incident involving radioactive material will be discussed.

Prerequisites
- Technician Level HazMat Training

Mission Areas
- Respond

Target Audience
- Hazardous Material

Point of Contact
Ella McNeil
19901 Germantown Road, EM-24/CLOV
Germantown, MD 20874
301-903-7284
Ella.McNeil@em.doe.gov
Course Description
This module, Protecting Research and Test Reactors (RTR), is added as an option to the Global Threat Reduction Initiative (GTRI) Alarm Response Training Program (ARTP) for those personnel protecting facilities housing research and test reactors. The GTRI reduces and protects vulnerable nuclear and radiological material located at civilian sites worldwide. GTRI’s Domestic Material Protection (DMP) program works to further increase the protection of radiological sources located at public and commercial facilities in the United States. GTRI support is provided at no cost and includes security training, security assessments, and security upgrades.

The Alarm Response Training Program is a key offering of GTRI’s DMP program. One major requirement of an effective security system is a well-trained and equipped response force that can respond to an event in a timely manner. GTRI developed the ARTP specifically for onsite or local responders who support the protection of sites with radiological materials.

The Alarm Response Training Program is conducted at the National Nuclear Security Administration (NNSA) Y-12 site in Oak Ridge, Tennessee. The facilities at Y-12 enable participants to conduct hands-on training in a realistic setting utilizing actual protection equipment. However, the format is flexible and can be used at multiple venues. The training, geared towards onsite security, radiation safety staff, and local responders, will prepare responders performing duties at locations known to use or store radioactive materials and provide responders the knowledge to protect themselves and the public during events involving radioactive materials.

Prerequisites
- N/A

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Governmental Administrative
- Law Enforcement
- Other
- Public Safety Communications

Point of Contact
Large Vehicle Bomb Advanced Post Blast Investigation

Sponsoring Agency: DOJ/Bureau of Alcohol, Tobacco, and Firearms/NA
Course Length: 4.5 Days
Course Delivery: Residential Training
Course Level: Not Applicable

Course Description
This 4.5-day course is designed to expose Federal, State, and local law enforcement investigative and bomb technician personnel to advanced techniques and procedures that have been successfully employed by the FBI during LVB investigations such as the World Trade Center (1993), Oklahoma City (1995), Khobar Towers, Saudi Arabia (1996), and U.S. Embassies in Kenya and Tanzania (1998). Instruction addresses the command and control procedures for a major LVB incident as well as forensic scene operations. The lectured discuss the problems and difficulties encountered in conducting an investigation into a massive crime scene that may involve an entire city in magnitude. Emphasis is on planning and preparation for the organization and management of an enormously complex crime scene.

Prerequisites
- Limited to those who would be expected to process a LVB crime. Must be employed full time by a law enforce. agcy, fire dept/crime lab; Bomb squad members, post blast crime scene members, crime lab personnel, and public safety supervisory personnel responsible for direct supervision of a LVB scene; Must have completed a basic post blast crime scene school from an established instructional entity (Certified bomb technicians are exempt); At least 3 yrs of tenure remaining in their current position

Mission Areas
- Respond

Target Audience
- Other

Point of Contact
Jeff Groh
Phone: (804) 633-1888 or (202) 386-5306
E-mail: Jeffrey.D.Groh@usdoj.gov
**HDS Basic Certification**

**Sponsoring Agency:** Department of Justice/Federal Bureau of Investigation  
**Course Length:** 30 days

**Course Delivery:** Residential Training  
**Course Level:** Not Applicable

**Course Description**

Basic Certification for training of public safety bomb squad personnel in mitigation of hazardous devices.

This course is designed primarily for fire service and law enforcement personnel in Federal, State, and local public safety agencies. In most cases, this includes fire service and law enforcement bomb technicians, bombing investigators, crime scene investigators, and forensic laboratory examiners who are assigned to investigate crime scenes involving the use of explosives as part of their primary duties.

**Prerequisites**
- Hazardous Materials Technician Level Training compliant to 20 CFT 1910.120(q)(6)(iii)
  - Must be pre-approved to attend by the FBI
  - Must be nominated by their agency's public safety bomb squad commander.

**Mission Areas**
- Respond

**Target Audience**
- Fire Service
- Law Enforcement

**Point of Contact**
SSA David K. Jernigan  
Phone: 256-313-1910  
E-mail: David.Jernigan@ic.fbi.gov
Disaster Site Worker Course #7600

Sponsoring Agency: DOL/OSHa/Office of Training and Education and DHHS/NIEHS
Course Length: 2 days (16 hours)
Course Delivery: Residential Training
Course Level: Not Applicable

Course Description
This course emphasizes awareness of the safety and health hazards that may be encountered at natural or man-made disaster sites. Students will be aware of the importance of personal protective equipment, decontamination, and incident command organization. Students will be able to inspect an air-purifying respirator, don and doff an air-purifying respirator, and perform a user seal check. Upon completion, participants will receive a "Disaster Site Worker Course Card."

Prerequisites
- OSHA 10-Hour Construction Outreach Training Course

Mission Areas
- Respond

Target Audience
- Other
- Public Works

Point of Contact
Cathleen Cronin, Chief
Division of Training and Educational Development
OSHA Office of Training and Education
2020 S. Arlington Heights Road
Arlington Heights, IL 60005
Phone: 847-759---7725
Email: cronin.cathleen@dol.gov
Security Training Courses: Response to Weapons of Mass Destruction

Sponsoring Agency: DOT/FTA/NA
Course Length: 2 Days
Course Delivery: Residential Training
Course Level: Not Applicable

Course Description
This course provides information on chemical/biological/nuclear terrorist incidents, current events, the nature of chemical/biological/radiological agents, and how to respond to such events in a transit environment. Internal and external resources, transit's role in responding to such incidents in the community, and the roles and cross-jurisdictional responsibilities of emergency responders are identified.

Prerequisites
- None

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement

Point of Contact
Michael Taborn, Acting Team Leader for Security
Federal Transit Administration
Phone: 202-366-3526
Email: michael.taborn@fta.dot.gov
Effective Managing Transit Emergencies

Sponsoring Agency: Department of Transportation/TSI/Transit Safety & Security Division
Course Length: 28 Hours
Course Delivery: Mobile Training
Course Level: Not Applicable

Course Description
This course provides information on understanding the importance, purpose, development, and implementation of emergency management and how it relates to the other safety functions of a transit system. Participants will learn how to better understand the emergency management concept and the role of the transit system in responding to emergency/disaster situations in both the community and transit system. The course provides information which can be used to introduce emergency management into the acquisition and operational phases of a transit system life cycle and thereby implement or improve emergency management programs. Participants will be prepared to understand the elements of an effective emergency management program and how interaction of these elements affects the management of the emergency situation, as well as the roles and responsibilities of community officials, transit system personnel, and fire, police, EMS, etc., including the key issue of the importance of dealing with the media quickly, accurately, and professionally.

Prerequisites
- None

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works

Point of Contact
Radonna Snider
Phone: (405) 954-4799
Email: radonna.snider@dot.gov
Course Description
This course provides information on understanding the importance, purpose, development, and implementation of emergency management and how it relates to the other safety functions of a transit system. Participants will learn how to better understand the emergency management concept and the role of the transit system in responding to emergency/disaster situations in both the community and transit system. The course provides information which can be used to introduce emergency management into the acquisition and operational phases of a transit system life cycle and thereby implement or improve emergency management programs. Participants will be prepared to understand the elements of an effective emergency management program and how interaction of these elements affects the management of the emergency situation, as well as the roles and responsibilities of community officials, transit system personnel, and fire, police, EMS, etc., including the key issue of the importance of dealing with the media quickly, accurately, and professionally.

Prerequisites
- None

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works

Point of Contact
Radonna Snider
Phone: (405) 954-4799
Email: radonna.snider@dot.gov
<table>
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<tr>
<th><strong>Transit Response to Bus Hijackings</strong></th>
<th>DOT-003-RESP</th>
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<tr>
<td><strong>Sponsoring Agency:</strong> DOT/FTA/TSI Transit Safety &amp; Security</td>
<td><strong>Course Length:</strong> 4 hours</td>
</tr>
<tr>
<td><strong>Course Delivery:</strong> Mobile Training</td>
<td><strong>Course Level:</strong> Not Applicable</td>
</tr>
</tbody>
</table>

**Course Description**
Participants will be shown how to respond to acts of terrorism, including workplace violence, and how to develop and implement plans and procedures to respond to bus hijackings. Participants will learn how to gain access to a bus and resolve the incident with minimal public endangerment.

**Prerequisites**
- N/A

**Mission Areas**
- Respond

**Target Audience**
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Other
- Public Safety Communications

**Point of Contact**
Radonna Snider  
USDOT/TSI Transit Safety & Security Div  
6500 S. MacArthur Blvd MPB 327  
Oklahoma City, OK 73169-6900  
radonna.snider@dot.gov (405) 954-4799
Transit Response to Rail Hijackings Seminar

Sponsoring Agency: DOT/FTA/TSI Transit Safety & Security
Course Length: 4 hours
Course Delivery: Mobile Training
Course Level: Not Applicable

Course Description
Participants will be shown how to respond to acts of terrorism, including workplace violence, and how to develop and implement plans and procedures to respond to bus hijackings in a transit environment. Participants will learn how to gain access to a rail car and resolve the incident with minimal public endangerment.

Prerequisites
- N/A

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Other

Point of Contact
Radonna Snider
USDOT/TSI Transit Safety & Security Div
6500 S. MacArthur Blvd MPB 327
Oklahoma City, OK 73169-6900
radonna.snider@dot.gov (405) 954-4799
Identifying IED Threats to Public Transit

Sponsoring Agency: DOT/FTA/TSI

Course Length: 4 Hours

Course Delivery: Mobile Training

Course Level: Not Applicable

Course Description
This seminar demonstrates how to prepare for and initially respond to acts of terrorism involving explosives, how to implement a plan and procedures to respond to an explosive incident, and how to manage an incident in a transit environment. Participants are trained in general security awareness in the transit environment and how to identify flaws in facility or vehicle design and discourage criminal activity.

Prerequisites
- N/A

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Law Enforcement
- Other

Point of Contact
Radonna Snider
USDOT/TSI/Transit Safety & Security Div
6500 S. MacArthur Blvd. MPB 327
Oklahoma City, OK 73169-6900
radonna.snider@dot.gov (405) 954-4799


Course Description

The Pipeline Emergencies program is a comprehensive training curriculum for first responders and pipeline safety personnel. The goal of the program is to help those who will be called to respond to a pipeline accident and save lives, property, and resources.

This program was developed by a team of hazardous materials specialists through a cooperative agreement between DOT's Pipeline and Hazardous Materials Safety Administration and the National Association of State Fire Marshals. Together, they brought together well-respected experts in pipeline safety and firefighter training to deliver this best-in-class curriculum.

Chapters include:
1) Introduction, Scope and Purpose
2) Pipeline Regulations and Safety Programs
3) Pipeline Operations
4) Liquid Products Pipeline Operations
5) Natural Gas Distribution Pipeline Operations
6) Pipeline Emergency Response Operations
7) Tactical Response Guidelines for Pipeline Emergencies with Scenarios

Material to support this program includes written examinations, instructor materials, Power Points, professionally developed videos, and all material is currently viewable on-line at: www.pipelineemergencies.com

The Course is field deliverable in 4, 8 or 12 hour programs (awareness, operations, incident command and instructor levels can be covered in these time frames). The material does support NTED's mission of preparing for, responding to, and recovering from acts of terrorism and catastrophic events where applicable.

It references the following guidelines, regulations, and standards:

ODP Emergency Responder Guidelines
ODP Strategy for Blended Learning

29 Code of Federal Regulation (CFR) 1910.120.q, Emergency Response Program to Hazardous Substance Releases
National Fire Protection Association (NFPA) 471, Recommended Practice for Responding to Hazardous Materials Incidents
NFPA 472, Professional Competence of Responders to Hazardous Materials Incidents
NFPA 473, Standard for Competencies for EMS Personnel Responding to Hazardous Materials Incidents

For more information please contact:

Philip Oakes
National Program Director/Trainer
Phone: 202-737-1226 ext 6 (office)
info@pipelineemergencies.com

Prerequisites
- None

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Public Health
- Public Safety Communications
- Public Works

Point of Contact
Course Description
The curriculum for the Intermodal Emergency Response Specialist – Advanced (HERS-A) course is designed to provide participants with advanced knowledge and practical skills needed to respond to a complex Intermodal incident involving HazMat/WMD.
Participants will learn to respond properly to emergency incidents involving various modes of Intermodal transportation, including cargo tanks and intermodal (IM) containers. Participants will gain advanced knowledge in the design and construction of these Intermodal containers and also in intermediate bulk containers, cylinders, and other non-bulk packages used to transport HazMat/WMD.
Participants will receive highly technical knowledge and will participate in incident analyses of the HazMat/WMD release, damage assessments of Intermodal containers, and movement and/or uprighting of damaged cargo tanks. Participants will also perform container drilling, transfers and flaring of HazMat/WMD, and including advanced activities to mitigate releases of HazMat/WMD from the various containers used in Intermodal transportation.
After receiving the curriculum and participating in the scenario-based incidents, successful participants will be capable of overseeing and performing advanced Intermodal specialist activities in an emergency response to an Intermodal incident involving HazMat/WMD.
Prerequisites
- NIMS 100, 200 and 700 are prerequisites to attend the course and the following are recommended prerequisites:
  Successful completion of a HazMat/WMD Technician level course and a Intermodal Emergency Response Specialist course based on Federal Regulations (CFR), Title 29, 1910.120(q) OSHA regulations, and the National Fire Protection Association’s (NFPA) Standard 472.
Mission Areas
- Respond
Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
Point of Contact
Course Description
This course provides emergency response personnel, primarily firefighters, police officers, and emergency medical services personnel, with the information and skills needed to recognize, evaluate, and control an incident involving the release, or potential release, of hazardous materials. It is intended for members of hazardous materials response teams. The focus of the course is on recognizing and evaluating a hazardous materials incident, organizing the response team, protecting response personnel, identifying and using response resources, implementing basic control measures, refining decision-making skills, and protecting the public. Topics that are discussed include safety plans and standard operating procedures, chemical and physical properties of hazardous materials, incident command, size-up strategy and tactics, containment and confinement of materials, levels of protection, chemical protective clothing, direct-reading instruments, and decontamination. Instructional methods used are lectures, class problem-solving sessions, and field exercises. Emphasis is on the hands-on use of equipment to apply lecture information in a practical manner. Participants will wear self-contained breathing apparatus (SCBA) fully-encapsulating suits and chemical splash suits.

Prerequisites
- A medical evaluation in accordance with the Respiratory Protection Standard, 29 CFR 1910.134 is necessary in order to participate in this course.

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement

Point of Contact
Bruce Potoka
Phone: 513-569-7038
Email: potoka.bruce@epa.gov
EPA-001-RESP RESPOND
Air Monitoring for Emergency Responders

Sponsoring Agency: EPA/OSWER/ert
Course Length: 2 Days
Course Delivery: Residential Training
Course Level: Performance

Course Description
This 2 day course provides emergency response personnel with the information and skills needed to evaluate the release, or potential release, of hazardous materials into the air. It is intended for hazardous material responders, but is applicable to law enforcement, fire service, emergency medical service and emergency management personnel. Topics that are discussed include air monitoring programs, techniques, and equipment; instrument calibration; instrument limitations; exposure guidelines; air dispersion modeling; and health and safety considerations. Instructional methods include a combination of lectures, group discussions, problem-solving sessions, and exercises with hands-on use of instruments.

Prerequisites
- NA

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Hazardous Material

Point of Contact
Bruce Potoka
Phone: 513-569-7038
Email: potoka.bruc@epa.gov
Introduction to Nuclear Radiation for First Responders

Course Description
Introduction to Nuclear Radiation for First Responders is designed to provide first responders and supporting personnel with an Awareness Level course along with some limited operational information. The training provides sufficient information to conduct the initial stages (recognition, identification, control, and rescue of victims) of a response to a radiological incident. This class lectures provide a focused knowledge base. Hands-on activities and demonstrations reinforce the lecture topics. Case study reviews are the culminating learning activity used to demonstrate how response operations occur in actual radiological incidents. A major emphasis of the class is the practical use of instrumentation. Participants are required to observe the response of a variety of radiological meters and detectors to radioactive materials. The class consists of 12 modules presented in a one 8-hour time period.

Prerequisites
- NA

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement

Point of Contact
Will Duncan
Phone: 415-972-3412
Email: duncan.will@epa.gov
Course Description
Chemical Agents of Opportunity for Terrorism: The Medical and Psychological Consequences of TICs (Toxic Industrial Chemicals) and TIMs (Toxic Industrial Materials)

Prerequisites
- NA

Mission Areas
- Respond

Target Audience
- Emergency Management Agency
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Hazardous Material
- Health Care
- Law Enforcement
- Other
- Public Health
- Public Safety Communications
- Public Works

Point of Contact
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Email: vianu.libby@epa.gov