

# TSWG CATALOG

Technical Support Working Group



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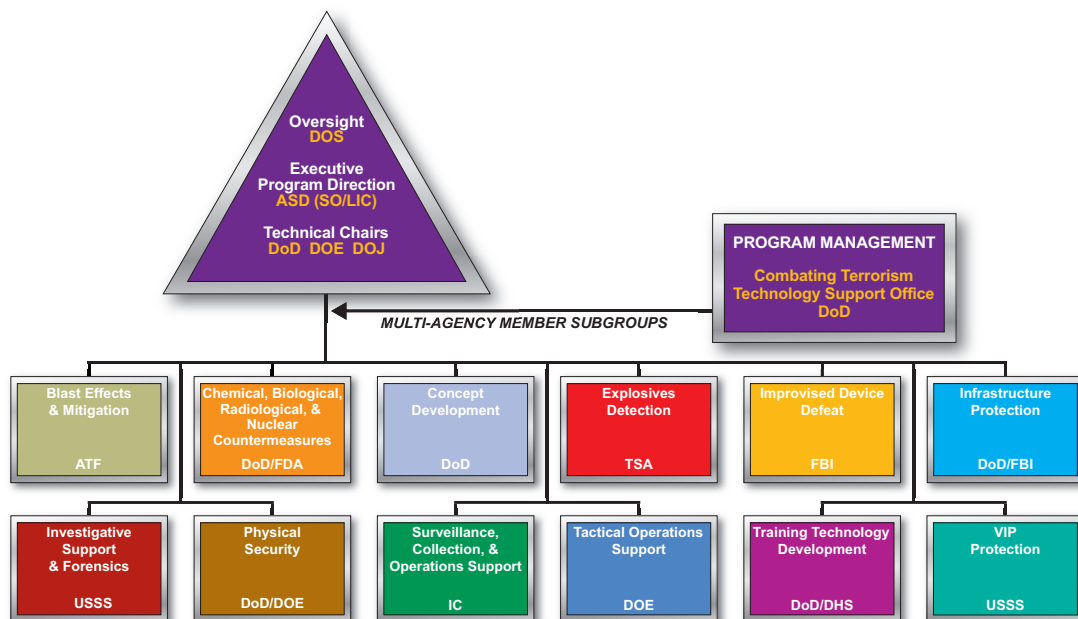
## The Technical Support Working Group (TSWG)

Since 1986 the Technical Support Working Group (TSWG) has pursued combating terrorism technologies in the broad context of national security by providing a cohesive interagency forum to define user based technical requirements spanning the Federal interagency community. TSWG operates under the policy oversight of the Department of State's Coordinator for Counterterrorism and the management and technical oversight of the Department of Defense (DoD) Assistant Secretary of Defense for Special Operations and Low-Intensity Conflict (ASD(SO/LIC)).

TSWG performs a counterterrorism technology development function as a stand-alone working group. TSWG's mission is to conduct the national interagency research and development (R&D) program for combating terrorism requirements. It has also commenced efforts to conduct and influence longer-term R&D initiatives. Reflecting the shift to a more offensive strategy, TSWG balances its technology and capability development efforts among the four pillars of combating terrorism:

- Antiterrorism
- Counterterrorism
- Intelligence Support
- Consequence Management

The TSWG has successfully transitioned capabilities to the Departments of Agriculture, Defense, Justice, State, and Treasury; the Intelligence Community; the Transportation Security Administration; the Public Health Service; international agencies; first responders and state and local law enforcement. TSWG membership includes representatives from over 100 organizations across the federal government who work together with one or more of the twelve functional subgroups. Participants in the subgroups of the TSWG can collaborate to articulate specific threats and a user defined approach to the rapid prototyping and development of combating terrorism devices, training tools, reference materials, software, and other equipment.



## Field Guides

The goal of a field guide is to provide concise, on-scene access to information necessary to make critical decisions. A field guide supports both mission readiness and operational capabilities by enabling the user to have timely information about real world incidents. Field guides list potential situations and specific actions or steps to respond to the incident or situation. The guides are printed on waterproof paper, are spiral bound, and are suitable for field use. The information is meant to be applied in conjunction with previous training, experience, and standard procedures and policies. Some field guides and Training Support Packages (TSP) are complementary.

The field guides are restricted documentation that are available only to federal, allied, state, and local governments involved in security and counterterrorism activities. Contractors providing security services to these agencies may also procure the document. Security contractors must also provide sponsoring government agency information. All orders must first be confirmed by TSWG prior to being sent to the Government Printing Office (GPO).

To order the guides, first send an e-mail request for the desired quantity to [pubs@tswg.gov](mailto:pubs@tswg.gov), and include contact name, organization name, address, and telephone number. Security contractors must also provide similar sponsoring government agency information. Confirmation of the order will be approved via e-mail with an approval number (and, if applicable, a password for the CD-ROM). The product can then be ordered from GPO. Orders may be placed via e-mail, fax, and mail, and must include the TSWG approval e-mail and number.

Online: <http://bookstore.gpo.gov>

E-mail: [orders@gpo.gov](mailto:orders@gpo.gov)

Phone: Toll free (866) 512-1800, DC Area: (202) 512-1800

Fax: (202) 512-2250

Send Mail to:  
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All orders require prepayment, either by check, money order, VISA, MasterCard, American Express, Discover/NOVUS, or GPO Deposit Account.



### Personnel Screening Guide (PSG)

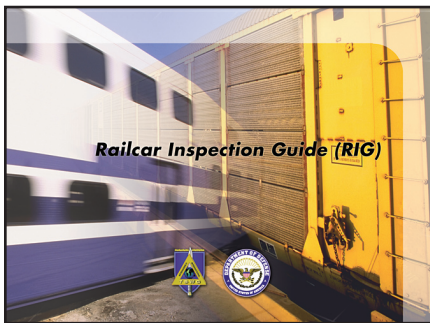
The PSG is for use by those individuals involved with screening people that may pose a terrorist threat. The PSG is a 107 page guide that provides guidelines to security personnel assigned the responsibility of assessing and screening personnel for concealed/improvised weapons, explosive devices, and other contraband. The guide has a training section for recognition of improvised and commercial weapon types; specialty firearms and handguns; explosive materials and devices; and weapons of mass destruction (WMD) materials and devices. The TSP that supports this field guide can be found on page 7.

The cost for the PSG is **\$255 for a packet of 10**

When ordering, cite GPO Stock Number **008-001-00170-3**

The cost for each PSG CD-ROM is **\$22**

When ordering the PSG CD-ROM version, cite GPO Stock Number **008-001-00168-1**



### Railcar Inspection Guide (RIG)

The RIG is for use by those individuals who physically inspect railcars and rail lines. The RIG is a 137 page guide that provides guidelines to assess and screen railcars for improvised explosive devices, weapons of mass destruction (WMD), and other contraband. The RIG provides a standardized railcar inspection process with an illustrated walk-through. This field guide highlights important design features that affect the car's use as a large bomb, provides indications of the typical uses, and states conditions that may indicate an enhanced threat. The TSP that supports this field guide can be found on page 7.

The cost for the RIG is **\$173 for a packet of 10**

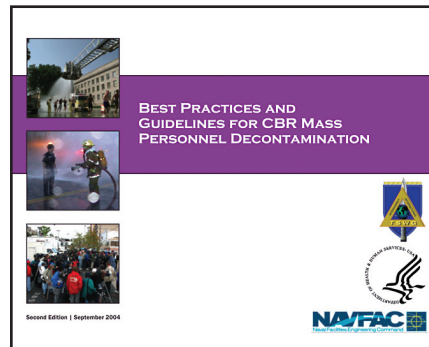
When ordering, cite GPO Stock Number **008-001-00169-0**

The cost for each RIG in the CD-ROM version is **\$22**

When ordering the CD-ROM version (pdf files), cite GPO Stock Number **008-001-00167-3**

## Best Practices and Guidelines for Mass Personnel Decontamination

The Best Practices and Guidelines for Mass Personnel Decontamination guidebook provides emergency responders with guidelines for responding to large-scale events where standard Hazardous Material (HAZMAT) response protocols are insufficient. The guidebook provides general guidelines on the procedures and equipment necessary for responding to and decontaminating victims in mass casualty incidents involving chemical, biological, or radiological materials. To submit an order, visit the Chemical and Biological Defense Information Analysis Center (CBIAC) website: <http://www.cbiac.apgea.army.mil/products/item.php?id=37>

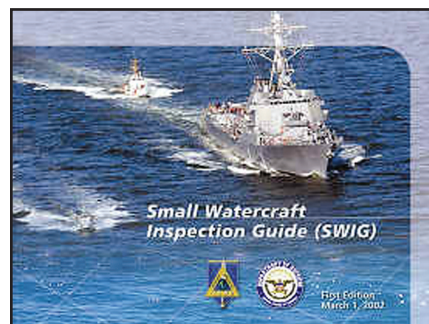


The cost for the Best Practices and Guidelines for Mass Personnel Decontamination paperback and CD-ROM set is **\$20.00 per copy**

If you have any questions or feedback about this product, contact: [cbrncsubgroup@tswg.gov](mailto:cbrncsubgroup@tswg.gov)

## Small Watercraft Inspection Guide (SWIG)

The SWIG is for use by those individuals involved with the inspection of watercraft that may pose a terrorist threat and for inspecting small watercraft for contraband. The SWIG is an 89 page guide for determining various indicators of suspect hidden Improvised Explosive Devices (IEDs) on a range of vessel types, recognition of typical representative IED types, and has a training section for recognition of explosives and IED types. The TSP that supports this field guide can be found on page 8.



The cost for the SWIG is **\$8.50 per copy**

When ordering, cite GPO Stock Number **008-001-00159-2**

### Securing Your Supervisory Control and Data Acquisition (SCADA) and Industrial Control Systems



Securing Your SCADA and Industrial Control Systems guidebook provides information for enhancing the security of Industrial Control Systems (ICS). The 154 page guidebook is a comprehensive overview of industrial control system security, including administrative controls, architecture design, and security technology. This guide is intended for all sectors that use ICS technology, including managers, administrators, operators, engineers, and other ICS staff and informs them of the security concerns they should be taking into account.

The cost for the SCADA guidebook is **\$17.00 per copy**  
When ordering, cite GPO Stock Number **008-022-00338-0**

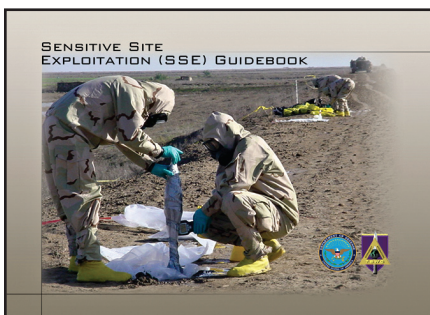
### Radio Frequency Weapons Pocket Guide (RFGW)



The RFGW for Security Procedures and Protocols for Mitigating Radio Frequency Threats informs security personnel at critical infrastructure facilities about radio frequency weapons and provides guidance on how to address the threat. The 128 page guide provides general procedures, protocols, and other directions to address the radio frequency weapon (RFW) threat from a security perspective.

The cost for the RFGW is **\$53 per copy**  
When ordering, cite GPO Stock Number **008-001-00174-6**

### Sensitive Site Exploitation (SSE) Guidebook



The Sensitive Site Exploitation (SSE) Guidebook provides professionals across the Department of Defense who may conduct SSE missions, with a ready reference and operational guideline for SSE operations in the presence of Chemical, Biological, Radiological, and Nuclear (CBRN) materials. This guidebook serves as a job aid in the pre-incident, incident, and post-incident management of SSE reconnaissance and mitigation. The 90 page SSE guidebook contains elements related to force protection, SSE planning, execution and operations, as well as decontamination procedures, U.S., International, and United Nations (UN) Hazardous Material (HAZMAT) labels, service component information, reference list, and website links.

The cost for the SSE is **\$93 for a packet of 10**  
When ordering, cite GPO Stock Number **008-001-00175-4**

## Training Support Packages (TSP)

Training Support Packages (TSP) provide training and subject matter expertise in an expandable and adaptable format for a high throughput of students at a low cost. The goal of a TSP is to equip instructors in geographically dispersed locations with interactive training materials. A TSP consists of a three ring binder containing printed instructor guidance, a student manual, and PowerPoint™ slides for instructional use. Included with the shrink-wrapped binder are two VHS video tapes; one containing a Train-the-Trainer video, and the other containing classroom support video clip scenarios and when applicable, a final exam. Also included in each package is a CD-ROM containing, in a digitized format, all information in the manuals, PowerPoint™ slides, and video clips. The information should be applied in conjunction with previous training, experience, and standard procedures and policies. Some TSPs and field guides are complementary.

Training Support Packages are restricted documentation and media, which are available only to federal, state, and local governments involved in security and counterterrorism activities. Contractors providing security services to these agencies may also procure TSPs. Security contractors must provide the sponsoring government agency information. All orders must first be confirmed by TSWG prior to being sent to the Government Printing Office (GPO).

To order Training Support Packages, first send an e-mail request for the desired quantity to [pubs@tswg.gov](mailto:pubs@tswg.gov) and include contact name, organization name, address, and telephone number. Confirmation of the order will be approved via e-mail with an approval number. The product can then be ordered from the GPO. Orders may be placed via e-mail, fax, and mail, and must include the TSWG approval e-mail and number.

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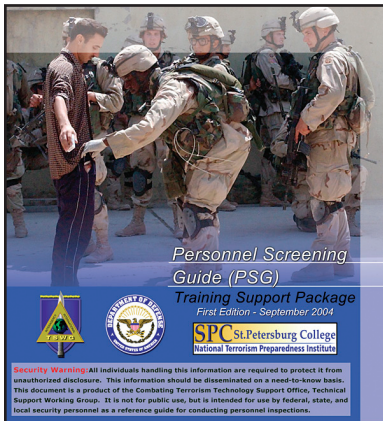
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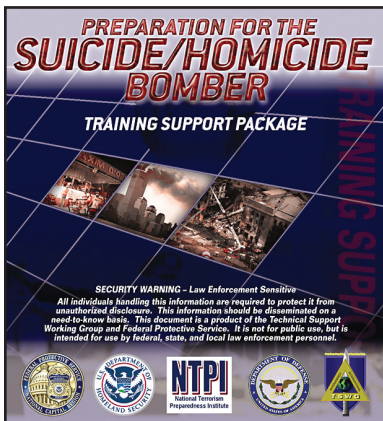
## Personnel Screening Guide (PSG) Training Support Package (TSP)



The PSG TSP is for use in preparing those individuals who screen people posing a terrorist threat. The Suspicious Indicators Unit provides material that security personnel will use to flag a person as suspicious. The Interview Unit covers material that security personnel will use while interviewing a person who has been flagged as suspicious. The Personnel Search Unit investigates material related to inspecting the suspicious person and his/her belongings. The supporting field guide for this TSP can be found on page 3.

The cost for each PSG TSP is **\$77.00 per copy**  
When ordering, cite GPO Stock Number **008-001-00173-8**

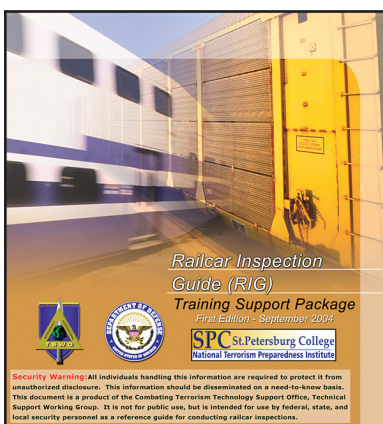
## Preparation for the Suicide/Homicide Bomber (PSB) Training Support Package (TSP)



The PSB TSP is for use in preparing those individuals assigned to counterterrorism activities. The Awareness Level Unit explores the motivations, characteristics, and possible effects of a suicide/homicide bomber. The Operations Level Unit investigates the techniques used by a suicide/homicide bomber as well as proactive countermeasures and pre-detonation and post-blast protocols. The Command Level Unit addresses post-blast scene management, the National Incident Management System (NIMS), and media management.

The cost for each PSB TSP is **\$168.00 per copy**  
When ordering, cite GPO Stock Number **008-001-00171-1**

## Railcar Inspection Guide (RIG) Training Support Package (TSP)



The RIG TSP is for use in preparing those individuals assigned the responsibility of assessing, screening, and inspecting railcars for improvised explosive devices, weapons of mass destruction, and other contraband. The Suspicious Indicators Unit covers material that security personnel will use to flag a railcar as suspicious. The Interview Unit addresses material that security personnel will use while interviewing a person to explain suspicious activity or railcar indicators. The Railcar Search Unit explores material related to inspecting the railcar and its contents. The supporting field guide for this TSP can be found on page 3.

The cost for each RIG TSP is **\$89.00 per copy**  
When ordering, cite GPO Stock Number **008-001-00172-0**

## Small Watercraft Inspection Guide (SWIG) Training Support Package (TSP)

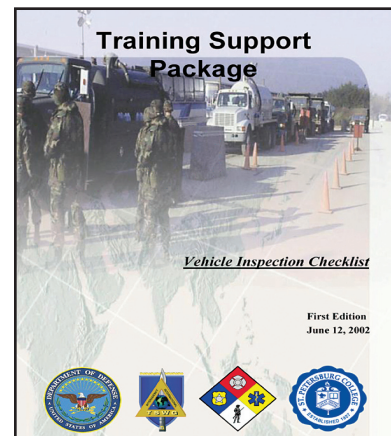
The SWIG TSP is for use by those individuals involved with the inspection of watercraft that may pose a terrorist threat or for inspecting small watercraft for contraband. The Suspicious Indicators Unit investigates indicators of suspicious vessels for the assessment and detection of weapons of mass destruction (WMD) devices that may be concealed in those vessels. The Interview Unit addresses initial boarding safety concerns and interviewing techniques that can be employed to assist in the discovery of concealed WMD. The Vessel Search Unit provides the systematic, proven method for inspecting vessels to identify WMD. The supporting field guide for this TSP can be found on page 4.

The cost for each SWIG TSP is **\$100.00 per copy**  
When ordering, cite GPO Stock Number **008-001-00165-7**

## Vehicle Inspection Checklist (VIC) Training Support Package (TSP)

The VIC TSP is for use by those individuals involved with the inspection of vehicles that may pose a terrorist threat. The Suspicious Indicators Unit introduces indicators of suspicious vehicles for the assessment and detection of Improvised Explosive Devices (IEDs), which may be concealed in those vehicles. The Interview Process Unit provides interviewing techniques which can be employed to assist in the assessment and detection of IEDs concealed in vehicles. The Vehicle Inspection Guidelines Unit explores the systematic method of vehicle search.

The cost for each VIC TSP is **\$117.00 per copy**  
When ordering, cite GPO Stock Number **008-001-00162-2**



## Courses

TSWG has developed several blended educational courses and certificate programs related to combating terrorism for use by federal, state and local government personnel, military, industry and academia. The interactive courses are designed to increase knowledge, skills, and abilities in various disciplines and can be delivered through the Internet or as a blended class. As applicable, courses are developed in accordance with current DoD instruction to include Shareable Content Object Reference Model (SCORM) conformance. Certain certificate programs are accredited for Continuing Education Units (CEUs) and are available for all levels of study including pre-bachelor's, post-bachelor's, and post-graduate tracks. For information pertaining to the courses and certificate programs, please contact the Training Technology Development subgroup at [ttdsubgroup@tswg.gov](mailto:ttdsubgroup@tswg.gov) or visit the link on the following pages for the specific course.

## Food Protection and Security Training

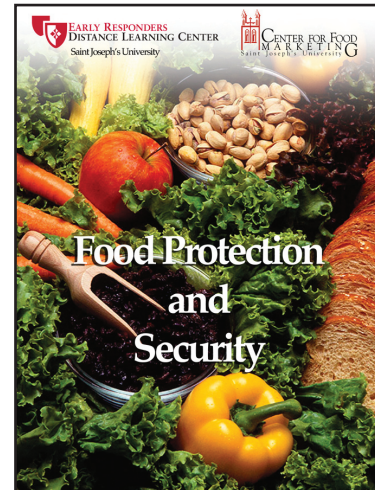
The Food Protection and Security Training program provides a curriculum for food management and terrorism response personnel to recognize, minimize, and manage the threat of terrorist activities across the “farm-to-fork” continuum. This program is designed to train those in military, federal, state, and local government sectors of the food industry on how to prepare for and respond to a terrorist attack aimed at the food supply. The certificate program is further applicable to those individuals who pursue the study of food science and marketing as it applies to terrorism and emergency response.

The professional certificate program consists of the following eight courses:

- **Introduction to Food Security and Terrorism**  
This course is an introductory segment to the program and highlights the reality of the threat and the importance of the program.
- **Food Security Risk Assessment**  
This course educates the learner on how to perform food security risk assessments and provides skills to reduce the impact of a successful terrorist attack to consumers, employees, and to businesses.
- **Food Supply Chain Traceability**  
This course discusses traceability planning/methods to limit the damage caused by breaches in security and intentional contamination of the food supply.
- **Food Security Risk Communication**  
This course prepares the learner to communicate risk to an anxious and potentially panic stricken audience.
- **Food Security Risk Management**  
This course introduces the Analyze, Implement, and Monitor (AIM) food security risk management model to help organizations protect their goods from deliberate, unauthorized contamination.
- **Food Security Law**  
This course describes the anti-bioterrorism laws, implementing regulations, and guidelines.
- **Securing Our Global Food Supply**  
This course describes factors that make our global food supply vulnerable (here and abroad), lists ways to secure global food supply, and describes new government security best practices.
- **Leadership in Times of Crisis**  
This course examines leadership competencies, styles, and models, and introduces a new competency and style for leading during, and in the aftermath of, a crisis.

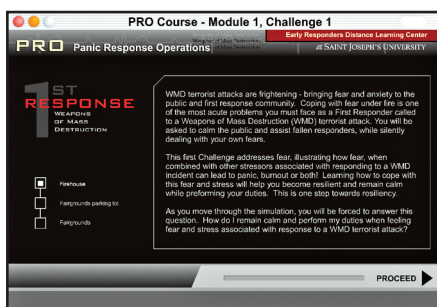
The individual courses are free to any federal, state, local, and military employees who wish to take it without earning CEU credits. For CEU credit or certificate, the cost is \$75 per course or \$500 for the completion of all eight courses.

For more information on these courses, please contact the TSWG’s Training Technology Development subgroup at [ttdsubgroup@tswg.gov](mailto:ttdsubgroup@tswg.gov) or visit <http://erdlc.sju.edu/education-certificate.php>



## Psychological Aspects of Homeland Security

The program focuses on recognizing, minimizing, and managing the severe psychological stresses associated with weapons of mass destruction (WMD) and terrorism incidents. The program was designed for professionals associated with emergency response including domestic and foreign terrorism. The certificate program is applicable to those individuals who pursue the study of psychology as it applies to terrorism and emergency response. The professional certificate program consists of six courses, plus one capstone course that involves the creation of an individual portfolio project.



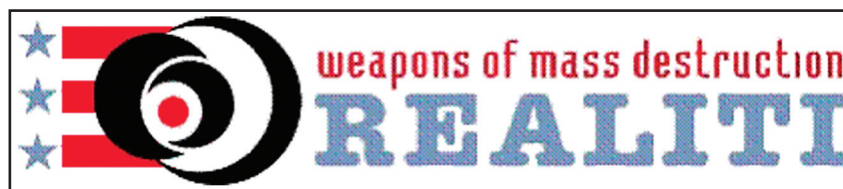
The six courses include the following:

- **Psychological Impacts and Effects (PIE) Course**  
This course focuses on severe psychological stresses, communication skills, and risk management associated with a WMD incident as it applies to media and public response.
- **Panic Response Operations (PRO) Course**  
This course provides a basic understanding of panic and its relationship to fear in order to identify non-verbal cues signaling panic before, during, and following a WMD incident.
- **Risk Communication and Management (RCM) Course**  
This course provides an overview of effective risk communication messages and addresses how a risk communicator can be more effective and prepared for an emergency.
- **Psychological Aspect of Terrorism (PAT) Course**  
This course focuses on the perspective of group psychological theories and research and includes a variety of related topics.
- **Mental Health Interventions (MHI) Course**  
This course details the history and effects of psychological trauma, and identifies mental health interventions used to treat psychological trauma victims.
- **Psychological Aspect of Decontamination (PAD) Course**  
This course prepares learners to understand the emotional stresses impacting responders and contaminated victims, and how to avoid the long-term effects of traumatic experiences.

The individual courses are free to any federal, state, local, and military employees who wish to take it without earning CEU credits. For university credit or certificate, the cost is \$250 per course or \$1,500 for the completion of all six courses.

For more information on this course, please contact the TSWG's Training Technology Development subgroup at [ttdsubgroup@tswg.gov](mailto:ttdsubgroup@tswg.gov) or visit <http://erdlc.sju.edu/education-certificate.php>

## Weapons of Mass Destruction-Response Element Advanced Laboratory Integrated Training and Indoctrination (WMD-REALITI)



The WMD-REALITI Program provides field analyst personnel, laboratory technicians, and scientists within the Chemical, Biological, Radiological, and Nuclear (CBRN) community with the specialized skills and equipment training frequently associated with working in Chemical Surety or Biological Safety Level laboratories. The goal of the WMD-REALITI Program is to improve the effectiveness, efficiency, and capability of military and civilian responders, as well as the overall capabilities of federal, state, and local emergency response agencies that may respond to, and mitigate the effects of weapons of mass destruction (WMD) incidents. WMD-REALITI produces trained specialists instrumental to combating the threat of WMD terrorism by bringing their specialized skills to the military and civilian response communities and the laboratories that support them. The three disciplines (chemistry, biology, and radiology) can be taken individually and are available at each of the following four levels:

- **WMD-REALITI Level 1 - Basic CBRN Identification and Analysis**

The Level 1 course is an interdisciplinary course in basic biology, chemistry, and radiation concepts designed to provide an understanding of the theory behind WMD, Toxic Industrial Chemicals (TICs), and Toxic Industrial Materials (TIMs) identification and detection. The course is comprised of three elements: chemical recognition and identification techniques, basic biological laboratory operations, and principles of radiation.

- **WMD-REALITI Level 2 - Effects of CBRN Materials**

The Level 2 course is an interdisciplinary course in advanced biology, chemistry, and radiation concepts as they relate to detection processes and technologies to provide a foundation for WMD, TICs, and TIMs identification and characterization. The course is comprised of three interdisciplinary elements: chemistry of precursor compounds, interaction of CBRN materials with biological systems and polymerase chain reaction (PCR) technology, and the hazards of ionizing radiation.

- **WMD-REALITI Level 3 - The Structure of CBRN Material**

The Level 3 course is an interdisciplinary course on the theoretical scientific foundation leading to a higher level of confidence and capability to accurately characterize WMD, TICs, and TIMs. The course is comprised of three interdisciplinary elements: organic chemistry of WMD, TICs, and TIMs, Structure of DNA, RNA and cell morphology, and interaction of ionizing radiation.

- **WMD-REALITI Level 4 - Advance Characterization of Unknown Substances**

The Level 4 course is an interdisciplinary course that focuses on advanced theory and gives graduates the knowledge and laboratory skills to effectively characterize and identify unknown substances. The course is comprised of three science elements: advanced characterization theory and practical applications using organic chemistry and advance laboratory techniques (i.e. mass spectrometry, Fourier Transform Infrared spectroscopy, etc.), effects of biological materials use, and short and long term effects of radiological materials use.

For more information on this course, please contact the TSWG's Training Technology Development subgroup at [ttdsubgroup@tswg.gov](mailto:ttdsubgroup@tswg.gov) or visit <http://www.wmdrealiti.iup.edu/>

## Television and Web Broadcasts

TSWG has developed recurring satellite television and web broadcasts offering weapons of mass destruction (WMD) related awareness information to the nation's civilian and military emergency response communities and government officials. The broadcasts are the product of an interagency program started by TSWG and transitioned to the Department of Homeland Security (DHS), bringing together the Office of Grants and Training (G&T) and the Preparedness Network (PREPnet). For information pertaining to the broadcasts, please contact the Training Technology Development subgroup at [ttdsubgroup@tswg.gov](mailto:ttdsubgroup@tswg.gov) or visit <http://terrorism.spcollege.edu>.

## **ComNET**

Communications, News, Equipment, and Training (ComNET) is a 60 minute news magazine satellite television broadcast, designed as awareness level training for the civilian and military emergency response communities at all levels and across all disciplines. ComNET provides a blend of interviews, feature segments, responder news, and a calendar of events regarding terrorism awareness, prevention, preparedness, response, and recovery. ComNET is part of a monthly broadcast alternating between ComNET and Live Response.



## **Live Response**

This dynamic panel discussion features experts who share their knowledge and experiences about terrorism awareness, prevention, preparedness, response, and recovery. Live Response is a 60 minute live satellite television broadcast designed as awareness level training for the civilian and military emergency response communities at all levels and across all disciplines. Live Response is part of a monthly broadcast alternating between ComNET and Live Response.







## **Technical Support Working Group (TSWG)**

The TSWG is the U.S. national forum that identifies, prioritizes, and coordinates interagency and international research and development requirements for combating terrorism. The TSWG rapidly develops technologies and equipment to meet the high priority needs of the combating terrorism community, and addresses joint international operational requirements through cooperative R&D with major allies.

Technical Support Working Group, Training Technology Development Subgroup  
PO Box 16224  
Arlington, VA 22215  
Email: [ttdsubgroup@tswg.gov](mailto:ttdsubgroup@tswg.gov)  
<http://www.tswg.gov>