

NATIONAL LAW ENFORCEMENT



C B R N E

TRAINING CENTER

Training Course Catalog 2009



Animis opibusque parati-

Prepared in minds and resources

(Ready for anything!)

www.nlecbrne.com

MISSION STATEMENT

The mission of the National Law Enforcement CBRNE Training Center is to enable US First Responders to prevent, prepare for, respond to, and recover from the full spectrum of CBRNE threats. These threats include natural disasters, virulent pandemic disease, industrial accidents and acts of domestic and international terrorism involving *Chemical, Biological, Radiological, Nuclear, and Explosive, (CBRNE)* weapons of mass destruction. The Center accomplishes its mission through training, research, evaluative services, technical services and equipment sourcing and supply.

GOALS

1. Increase the state of mission readiness for local, state, and federal public safety agencies and the critical infrastructure/key resource private sector through the development, delivery, and improvement of training and technical services related to preventing and responding to the full spectrum of CBRNE threats.
2. Identify research needs and conduct research for the improvement of the public safety response to the CBRNE threat spectrum.
3. Serve as a central coordinating body between academic researchers, technology based university researchers, private industry, and public safety in the development of new CBRNE agent detection and protection products and methods.
4. Provide public safety agencies and the critical infrastructure/key resource private sector with a one-stop point of contact for the sustainment of their CBRNE protection operations, providing for hardware development, equipment sourcing, supply and maintenance.
5. Assist the first responder community in the development and implementation of leading edge CBRNE counter-terrorism tactics, procedures, and policies.
6. Improve understanding, communication, and cooperation between private sector first responders, scientists and local, state, and federal government agencies that must effectively work together in responding to a CBRNE incident.

Why your organization should consider on-site training from the:

National Law Enforcement CBRNE Training Center

- 1) You can reduce your organization's training costs by hosting one of the CBRNE Training Center's professional training programs at your location. Eliminating the travel, lodging and per-diem expenses associated with out-of-town training.
- 2) You can provide your staff with courses that are tailor-made specifically for your organization, using the equipment owned by your organization and assigned to your staff and utilizing your Standard Operating Procedures and policies.
- 3) You can bring the CBRNE Training Center's highly qualified instructors to your organization. Your organization's on-call staff are not taken away from their 24/7 local response duties.

If you have any questions regarding any of the on-site training programs, contact our On-Site Training Coordinator at (813) 902-9234 or Email us at info@nlecbrne.com

Table of Contents

Law Enforcement Training

Weapons of Mass Destruction (DHS Certification), 8-Hours.....	8
Street Level Terrorism Interdiction, 8-Hours.....	8
Level-C PPE for Law Enforcement, 4-Hours.....	9
Level-C PPE for Law Enforcement, (annual refresher) 4-Hours.....	9
Basic SCBA for Law Enforcement, 8-Hours.....	10
Basic SCBA for Law Enforcement, (annual refresher) 4-Hours.....	10
CBRNE Detection Technologies, 8-Hours.....	10
Special Hazards Protection for Crime Scene Technicians, 8-Hours.....	11
Clandestine Drug Lab Recognition & Response, 8-Hours.....	11
Clandestine CBRNE Manufacturing Lab Recognition & Response, 8-Hours.....	11
Entry-Point Screening, 8-Hours.....	12
Vehicle Inspection, 8-Hours.....	12
Watercraft Inspection, 8-Hours.....	12
Rail-Car Inspection, 8-Hours.....	13
CBRNE Briefing for Aviators, 2-Hours.....	13
Law Enforcement Protective Measures (DHS Certification), 16-Hours.....	13
Special Event Planning & Management, 24-Hours.....	14
Tactical SCBA for Law Enforcement Special Operations, 24-Hours.....	14
CBRNE Perimeter Team Operations, 24-Hours.....	15
Command & Control of CBRNE Incidents, 8-Hours.....	16

CBRNE Protective Measures Field Technician, 40-Hours.....17

Basic SWAT School, 40 Hours.....17

Tactical Night-Vision for Law Enforcement Special Operations, 16-Hours.....18

Law Enforcement Rescue Swimmer, 40-Hours.....18

Tactical Vehicle Operations, 24-Hours.....18

Tactical Breaching/Barrier Penetration, 16-Hours.....19

Team Entries and Room Clearing, 16-Hours.....19

Urban Team Movement, 16-Hours.....20

Disaster Responder Training

GPS Land Navigation for Search & Rescue Teams, 8-Hours.....21

Cutting, Breaching & Forced Entry for Search & Rescue Teams, 16-Hours.....21

Night-Vision Training for Search & Rescue Teams, 8-Hours.....21

Urban Water Rescue for Search & Rescue Teams, 16-Hours.....22

Maintenance of Health & Hygiene for Disaster Site Workers, (Disaster Infection Control), 8-Hours.....22

Disaster Site Security, 8-Hours.....23

Disaster Field Camp Operations, 32-Hours.....23

Electrical Safety for Disaster Areas, 4-Hours.....24

Corporate & Industrial Security Training

Managing Security Operations, 16-Hours.....25

Security Vulnerability Assessments, 16-Hours.....25

Advanced Level Security Operations, 24-Hours.....26

Retail Security Operations, 16-Hours.....27

To Register Call 813-902-9234 or info@nlecbnrne.com

Church & Religious Facility Security, 16-Hours.....27

Facility Entry Point Screening, 8-Hours.....28

Facility Entry Point Vehicle Screening, 8-Hours.....28

Rail Car Inspection & Searching, 8-Hours.....28

Rail Facility Security Assessments, 16-Hours.....29

Improvised Explosive Device Awareness, 8-Hours.....29

Foreign Travel Safety, 8-Hours.....30

Mail Room Safety, 4-Hours.....30

Industrial Safety & Health Training

HAZWOPER, 40-Hours.....31

Confined Space Entry, 24-Hours.....32

Air Purifying Respirator, 4-Hours.....32

Self-Contained Breathing Apparatus, 8-Hours.....33

Fall Protection 101, 4-Hours.....33

Air Monitoring for Hazardous Environments, 24-Hours.....34

Building Evacuation Coordinator, 8-Hours.....34

Respiratory Protection Program Development & Administration, 24-Hours.....35

Respiratory Protection Master Technician, 40-Hours.....35

School Safety & Security Training

School Security & Emergency Management Operations, 24-Hours.....36

School Vulnerability Assessments, 16-Hours.....37

School Safety Seminar, 4-Hours.....37

Hospital Safety & Security Training

Hospital Patient Decontamination Operations, 24-Hours.....38

Hospital & Medical Facility Security Operations, 16-Hours.....38

Hospital Incident Command System, 8-Hours.....39

Technical Services.....40

Law Enforcement Training Courses

Weapons of Mass Destruction Terrorism Awareness (AWR-160) (8-Hours)

Description:	This Department of Homeland Security training course provides first responders with awareness level training for the prevention, preparation, response and recovery from incidents of domestic terrorism involving weapons of mass destruction.
Topics Include:	Prevention & Deterrence of Terrorist Attacks Chemical Agents Biological Agents Radiological Materials Explosive Devices
Prerequisites:	None
Other Information:	Training certificate issued by DHS

Street Level Terrorism Interdiction (8-Hours)

Description:	This training course focuses on the important role that patrol officers play in detecting, interdicting and responding to acts of terrorism in their communities. Patrol officers will gain a better understanding of what to look for during routine patrol operations. Officers will be presented with techniques for gathering street level intelligence, conducting threat analyses and tactics for effectively responding to a terrorist event.
Topics Include:	Overview of CBRNE agents Recognition of Suspect/False Identification Documents IED Recognition Vehicle Searches Case studies/Lessons Learned Detection Equipment and Methods
Prerequisites:	Law Enforcement Officers only

**Level-C PPE for Law Enforcement
(4-Hours)**

- Description:** This training course provides law enforcement officers with the required training and certification for the use of Level-C Chem/Bio PPE (Personal Protective Equipment) kits. This course meets OSHA and NFPA standards for initial air-purifying respirator training.
- Topics Include:** Quantitative Fit-test performed for each student (air-purifying respirator)
Donning, Doffing, Operation and Maintenance of all PPE Kit Components
Overview of Respiratory Protection, CBRNE Agents, Signs, Symptoms and Emergency Treatments and Decontamination Procedures for CBRNE Agents
Students will show competency with the use of police equipment and in conducting basic law enforcement tasks while wearing a full PPE ensemble
- Prerequisites:** Medical clearance form issued by employer
- Other Information:** Course meets NFPA and OSHA training requirements

**Level-C PPE for Law Enforcement, Annual Refresher
(4-Hours)**

- Description:** This training course provides law enforcement officers with a 2-hour refresher training module, a complete inspection of their air-purifying or powered air purifying respirator, a complete inspection of all other PPE kit components and a quantitative fit test. This annual refresher training course and respirator fit-test fulfill OSHA and NFPA requirements for annual recertification.
- Topics Include:** Quantitative Fit-test for Air-Purifying Respirators
Instruction on donning, doffing, operation and maintenance of all PPE kit components
A complete inspection of air-purifying or powered air purifying respirators and all other PPE kit components
Students will show competency with the use of police equipment and in conducting basic law enforcement tasks while wearing a full PPE ensemble
Respirator repair service and replacement parts will be available as needed during training
- Prerequisites:** Basic Level-C PPE training
Medical clearance form issued by employer
- Other Information:** Course meets NFPA and OSHA training requirements

**Basic SCBA Training for Law Enforcement
(8-Hours)**

Description:	This training course provides responders with basic level training and certification for the use of an atmosphere supplying self contained breathing apparatus (SCBA). The course includes a quantitative fit-test as required by OSHA regulations. This training course meets all applicable OSHA and NFPA training standards.
Topics:	Overview of CBRNE agents Nomenclature, Operation & Maintenance of SCBA and PPE Performance of basic law enforcement tasks while using SCBA and full PPE Quantitative Fit-Test Performed
Prerequisites:	None
Other Information:	Course meets NFPA and OSHA training requirements

**Basic SCBA for Law Enforcement, Refresher
(4-Hours)**

Description:	This comprehensive training course includes refresher SCBA training, quantitative respirator fit-test, respirator flow-test and complete PPE kit inspection. The course and apparatus testing fulfill OSHA and NFPA requirements for annual SCBA recertification.
Topics Include:	2-hour Refresher Training Quantitative Respirator Fit-test Respirator Flow-test Complete Inspection of all PPE Kit Components Respirator Cleaning and Sanitizing <i>Repair service and replacement parts will be available as needed</i>
Prerequisites:	Basic SCBA training Medical clearance form issued by employer
Other Information:	Course meets NFPA and OSHA training requirements

**CBRNE Detection Technologies
(8-Hours)**

Description:	This course covers detection technologies associated with chemical, biological, radiological, nuclear and explosive agents.
Topics Include:	Current Detection Capabilities & Limitations Types of Chemical Detection Instruments Biological Agent Detection Instruments & Processes Radiological Agent Detection Instruments Explosives Detection Instruments & Processes Emerging Detection Technologies Air Monitoring Water Monitoring
Prerequisites:	None

**Special Hazards Protection for Crime Scene Technicians
(8-Hours)**

Description: A brief but comprehensive course providing students with a combination of classroom lecture and practical exercises. This curriculum focuses on the many new hazards which confront law enforcement crimes scene technicians today.

Topics Include: Principles of Hot Zone Forensics
Overview of CBRNE Agent Types and their Symptoms & Modes of Entry
Overview of Personal Protection Equipment
Respiratory Protection Equipment
Detection & Monitoring Techniques including Searches, Surveys, Sampling
IED & Trap Recognition & Response
Overview of Clandestine Methamphetamine Labs
Sample Collection Procedures
Confined Space Procedures
Forced Air Ventilation Techniques

Prerequisites: None

**Clandestine Drug Lab Recognition & Response
(8-Hours)**

Description: This awareness level training course provides first responders with techniques and tactics for the detection and recognition of clandestine drug labs, hazards presented by drug labs and an overview of personal protective equipment available for use during the investigation of drug labs.

Topics Include: Types of Clandestine Drug Labs
Lab Equipment
Types of Chemicals
Dangers and Hazards of Clan Labs
Use of Personal Protection Equipment

Prerequisites: Public safety officials only

**Clandestine CBRNE Manufacturing, Recognition & Response
(8-Hours)**

Description: This unique training course provides law enforcement, Fire Rescue, EMS, HAZMAT responders and other public safety officials with the training & skills necessary to detect the clandestine manufacture of chemical, biological, radiological, nuclear and explosive weapons of mass destruction.

Topics Include: Overview of CBRNE Agents
Identification of Precursor Ingredients
Identification of Manufacturing Equipment & Processes
Patriot Act Review
Case Studies

Prerequisites: Public safety officials only

**Entry Point Screening
(8-Hours)**

- Description:** This course provides techniques and guidelines to law enforcement personnel assigned the responsibility of assessing and screening persons for concealed/improvised weapons, explosive devices and other contraband.
- Topics Include:** Recognition of Improvised Explosive Devices
Recognition of Commercial Weapon Types & Specialty Firearms
Barrier Construction Methods
Magnetometer Operation
Recognition & Response to Suicide Bombers
- Prerequisites:** None

**Vehicle Inspection
(8-Hours)**

- Description:** This course provides law enforcement officers with techniques for determining various indicators of hidden improvised explosive devices on a range of vehicle types.
- Topics Include:** Vehicle Inspection Methods
Recognition of Hidden Compartments
Bomb Blast Effects
Vehicle Checkpoints & Barriers, (hasty & deliberate)
IED Recognition
Detection Devices
- Prerequisites:** None

**Watercraft Inspection
(8-Hours)**

- Description:** This course provides law enforcement officers with techniques for determining various indicators of hidden improvised explosive devices on a range of vessel types.
- Topics Include:** Vessel Inspection Methods & Technologies
IED Recognition
Bomb Blast Effects
- Prerequisites:** None

**Rail-Car Inspection
(8-Hours)**

Description: This course provides law enforcement officers with techniques for conducting physical inspections of rail cars for the purposes of detecting large hidden explosive devices, weapons of mass destruction and other contraband.

Topics Include: Rail Car Design & Mechanics
Overview of Typical Rail Car Cargo
Types of Rail Cars
Track Inspection
Rail Car Inspection Methods & Technologies
Bomb Blast Effects

Prerequisites: None

**CBRNE Briefing for Aviators
(4-Hours)**

Description: This 2-Hour briefing provides public safety aviators and air crews with awareness level training for conducting flight and rescue operations within or in close proximity to a CBRNE event involving the release of an airborne agent.

Topics Include: Overview of CBRNE agents
Plume Analysis
Environmental and Meteorological Conditions
In-flight APR, PAPR use

Prerequisites: Public safety officials only

**Law Enforcement Protective Measures
(8-Hours)**

Description: This 16-hour DHS certified training course presents a variety of WMD related topics and scenario driven practical exercises for the in-service training of law enforcement officers. The first 8-hours of training presents information on terrorist tactics and targeting, related WMD/CBRNE hazards, indicators of terrorism, and protective measure taken by law enforcement officers responding to a terrorist CBRNE event.

Topics: Current Trends in Terrorism
Recognizing Pre-attack Indicators
CBRNE Detection Equipment
First Response Actions
Personal Protection Equipment

Prerequisites: Public safety officials only

**Special Event Planning & Management
(24-Hours)**

- Description:** This exciting new course covers special events from A to Z. If your goal is to provide a safe, secure and successful large scale special event, while reducing liability and staffing it efficiently, then this is the course for you. Event types include festivals, concerts, carnivals, block parties, sporting events, marathons and protests.
- Topics:** Planning & Research for Events
Developing Maintenance of Traffic Plans
Special Event Liability Issues
Conducting an Event Threat & Vulnerability Analysis
Public Safety Command Coordination
Alcohol Management
Evacuation & Emergency Action Procedures
Building Neighborhood/Community Support
Event Staffing Levels
Protestor Issues
Incident Command System
- Prerequisites:** None

**Tactical SCBA for Law Enforcement Special Operations
(24-Hours)**

- Description:** This course is physically demanding and provides advanced level training for Law Enforcement officers who may have to conduct tactical operations in a hazardous CBRNE (Chemical, Biological, Radiological, Nuclear, Explosives) environment while using a Self-Contained Breathing Apparatus (SCBA). This course fulfills the OSHA and NFPA requirements for annual SCBA refresher training.
- Topics Include:** Overview of CBRNE agents
Nomenclature, Operation & Maintenance of SCBA and PPE
Team Deployment, Team Movement in CBRN Environment with SCBA
Marksmanship Competency while Using SCBA Equipment
- Prerequisites:** Medical clearance form issued by employer

**CBRNE Perimeter Team Operations
(16-Hours)**

Description: This training course provides incident response teams with the knowledge and practical skills necessary to effectively establish a controlled perimeter at a CBRNE event. Students will learn techniques for rapidly establishing and controlling CBRNE perimeters while using PPE.

Topics Include: Overview of CBRNE agents
CBRNE Agent Detection Methods
Chemical Agents of Opportunity for Terrorism
Emergency Medical Treatments for Exposure
Mass Decontamination Operations
Environmental & Meteorological Conditions, Plume Analysis
Panic Response, Psychological Impact of Mass Exposures
Barrier Construction, (hasty & deliberate)
Urban Evacuation Procedures
Quarantine Procedures
ICS and Command-Post Operations
Crisis Communication
Shelter-in-place vs. Evacuation
Practical Skills Exercises (PPE Donning, Doffing, Decon)
Case Studies

Prerequisites: Respirator medical clearance form issued by employer

**Command & Control of CBRNE Incidents
(16-Hours)**

Description: This is an advanced level briefing appropriate for command level responders with the responsibility of directing response efforts at a natural disaster or deliberate CBRNE incident.

Topics Include: CBRNE Agent Overview, Personal Protection Equipment Overview
Chemical Agents of Opportunity for Terrorism
Incident Command System (ICS)
Pre-Incident Plans & Procedures
Incident Management Software Programs
Stand-by/Recall of Emergency Response Personnel
Expedient Chemical/Biological Release Mitigation Methods
Procedures for Prolonged SCBA/PPE Operations
Manpower Rehabilitation & Replacement
Logistics for Sustained Operations
Stress Management for Emergency Personnel
Mass Decontamination Overview
Human Behavior during a WMD Crisis
Use of Aviation Assets/Airspace Management
Stockpile & Distribution Plans
Security of Critical Facilities
Medical Emergency Operations Plans
Multiple Agency Communication
Criminal Investigation of Deliberate CBRNE Events
Long Term Response & Recovery
Environmental Concerns
Emerging/Next Generation Response Technologies
Case Studies

Prerequisites: None

**CBRNE Protective Measures Field Technician
(40-Hours)**

Description: This is an advanced level comprehensive training course for certification as a field service technician for CBRNE detection & protection equipment. Course graduates will return to their jurisdictions with the training & skills necessary to conduct CBRNE equipment field inspection, maintenance, repair, troubleshooting, shelf-life management, SCBA cylinder refills, and respirator cleaning & sanitizing operations.

Topics Include: OSHA Respiratory Protection Program Requirements
Respiratory Protection Program Administration
Respiratory Protection Equipment (APR, PAPR, SCBA, SAR, ESCAPE)
Qualitative Fit Testing, Quantitative Fit Testing
Technical Decontamination Procedures
Overview of Breathing Air Compressor System Requirements
SCBA Fill Station Operation
SCBA Respirator Flow Testing
Level-A, Level-B, Level-C Chemical Protective Suit Inspection & Testing
Chemical Agent Detection, M-8, M-9 paper, M256 Kit
Draeger Civil Defense Detection System
Air Monitoring
Ventilation & Extraction of Vapors & Gases
Ludlum Emergency (Radiological) Response Kit
CAM Chemical Agent Monitor
Multi-Gas Chemical Detector
Personal Radiation Detector
Bio-Assay (SMART) Tickets
Photo Ionization Detector (PID)
Nerve Agent Antidote Kits (NAAK Auto-Injectors)

Prerequisites: None

**Basic SWAT School
(40-Hours)**

Description: This five-day training course provides SWAT team members with the fundamental skills necessary of all SWAT operators.

Topics Include: Tactical marksmanship
Breaching methods
Team and individual movement
Defensive tactics
Team room clearing
Vehicle/bus assaults
Climbing & rappelling

Prerequisites: Law enforcement officers only

**Tactical Night Vision for Law Enforcement Special Operations
(16-Hours)**

- Description:** This advanced level training course provides officers with tactics, techniques and procedures to maximize their night operating capability and build confidence in their night vision equipment. To function effectively operators must train to move, acquire and identify targets and communicate at night or in a limited visibility environment. Training will include NVG, IR devices and thermal night vision devices.
- Topics Include:** Unaided night-vision training
Operation, Care and Maintenance of Night Vision Devices, IR Emitters, Laser Pointers & Thermal Imaging Devices
Detection, Recognition & Identification of Targets with Night Vision Devices
Effective Firing of Weapons (night marksmanship) with Night Vision Devices
Night Drivers' Training
- Prerequisites:** Law enforcement officers only

**Law Enforcement Rescue Swimmer
(40-Hours)**

- Description:** This advanced level training course provides law enforcement officers with the knowledge and skills necessary to safely conduct open water rescues and manage other aquatic emergencies.
- Topics Include:** Recognition of Hazardous Aquatic Conditions
Flood/Tidal Surge Area Evacuation & Rescue
Search Patterns & Techniques
Advanced Level Rescue Techniques for Open Water Rescues
Advanced Level Field Medical Care
Surf/Shore Rescues, Bridge/Pier Rescues, Helicopter Rescues
Rescue Boat Operation
- Prerequisites:** Swim Test

**Tactical Vehicle Operations
(24-Hours)**

- Description:** This advanced level training course provides officers with tactics, techniques and procedures to conduct tactical vehicle operations.
- Topics Include:** Vehicle Takedowns, Vehicle Traps & Ambush Techniques.
Vehicle Counter-Ambush Techniques, Motorcade & Convoy Security Tactics
Night-vision Drivers Training
Weapons Marksmanship from Moving Vehicles
Ballistic Protection & Penetration Tests & Studies
Review of Assassination/Hostage Case Studies
- Prerequisites:** US Military & Law enforcement officers only

**Tactical Breaching/Barrier Penetration
(16-Hours)**

Description: This hands-on technical training course provides law enforcement special operations team members with the skills and training necessary to effectively breach a wide range of barriers using a variety of mechanical breaching methods. There is no explosive breaching training in this course.

Topics Include: Overview of Barrier Systems
Barrier Penetration Methods
Intrusion Detection Systems (interior & exterior)
Breaching Tools
Practical Skills Exercises
Full-profile Mission Exercise

Prerequisites: None

**Team Entries & Room Clearing
(16-Hours)**

Description: This training course provides law enforcement officers with basic tactical entry and room-clearing skills.

Topics Include: Principles of Room Combat
Team Configuration
Low- light Issues
Distraction Devices
Chemical Agent Use
Room-clearing Obstacle Course
Shoot-house Practical Skills

Prerequisites: Law enforcement officers only

**Urban Team Movement
(16-Hours)**

Description: This advanced level training course provides law enforcement special operations team members with the skills & training necessary to conduct coordinated team movements in a combat environment.

Topics Include: Principles of Team Movement
Team Configuration
Equipment Considerations
Strong Pointing
Moving through Buildings
Crossing Alleys/Streets
Bounding Teams
Crossing Intersections
Communications
Active Shooter Search Techniques
Shoot-House Practical Skills

Prerequisites: Law enforcement officers only

Disaster Responder Training

GPS Land Navigation for Search & Rescue Teams (16-Hours)

Description:	A basic level course which introduces the Search & Rescue student to the fundamentals of land navigation for use in conducting both wilderness and urban search & rescue operations.
Topics:	Maps & Map Reading Use of the Compass GPS Basics GPS Positioning, Tracking, Navigation & Mapping Wilderness Navigation Urban Navigation Field Exercises
Prerequisites:	None

Cutting, Breaching & Forced Entry for Search & Rescue Teams (16-Hours)

Description:	This “hands-on” practical training course exposes search & rescue team members to a variety of equipment and techniques for conducting forced entry rescues. Students will use mechanical, hydraulic, and thermal tools to conduct safe forced entry operations.
Topics:	Door Breaching Roof Cutting & Entry Confined/Restricted Space Operations Ladder Safety Haligan Tool, Ram, Multi-tool, Circular Saw, Hydraulic Ram, Thermal Lance
Prerequisites:	Due to the strenuous nature of the training, a physical examination is recommended prior to enrolling in this course

Night-Vision Training for Search & Rescue Teams (8-Hours)

Description:	A basic level course introducing the search & rescue student to the use of a variety of night vision equipment for use in conducting search & rescue operation in low light conditions.
Topics:	Enhanced Plain-sight Night Vision Techniques Use of Thermal Imaging Light Discipline Inclement Weather Search Tactics
Prerequisites:	None

**Urban Water Rescue for Search & Rescue Teams
(24-Hours)**

Description: This basic level course introduces the search & rescue team member to techniques for “slow” water rescues. Ideally suited for training students for evacuation & search & rescue operations in flood conditions.

Topics: Boat Rescues/Boat Operation
Organizing/Conducting Waterborne Search & Rescue Operations
Shore & Pier Rescues
Helicopter Rescues
Rescue Equipment

Prerequisites: Swim Test

Due to the strenuous nature of the training, a physical examination is recommended prior to enrolling in this course

**Maintenance of Health & Hygiene for Disaster Site Workers
(8-Hours)**

Description: This fascinating and popular training course provides the search & rescue team member with the fundamentals of infection control during post-disaster conditions. Students will be able to recognize, avoid and limit conditions favorable for a variety of disease organisms, basic epidemiology, MRSA, and the most recent CDC recommendations for disaster site worker immunizations.

Topics: Tropical Diseases
Disease Vectors & Reservoirs
Overview of MRSA
Immunizations
Fundamentals of Infection Control
Quarantine
Animal Disease

Prerequisites: None

**Disaster Site Worker Personal Safety /Crime Prevention
(8-Hours)**

- Description:** This important training course presents students with effective & proven techniques & tactics for ensuring personal & team safety during disaster rescue & relief operations. Students will fully understand the risk of civil disorder and violent crime during disaster/post-disaster conditions and will develop avoidance, evasion, de-escalation and protective countermeasures.
- Topics:** Causes of Post-Disaster Civil Disorder
Personal Safety Tactics
Establishing Fire Watch/Security Posts
Establishing Perimeter Security
Personal Safety Equipment
Team Safety Tactics
Base Camp Security Procedures
Credentialing
Fire Prevention/Fire Fighting
Generator Safety
Hostage Survival, Escape & Evasion
- Prerequisites:** None

**Disaster Site Field Camp Operations
(32-Hours)**

- Description:** This comprehensive “hands-on” practical training course exposes students to the fundamentals of establishing and operating a forward base camp in austere post-disaster conditions. Students will set-up, remain overnight and conduct search & rescue operations from a remote military style field camp.
- Topics:** Wilderness Camping Basics
Urban Camping
Camp Planning & Logistics
Wilderness First Aid
Cold Weather Survival
High Heat, High Humidity Operations & Survival
Maintenance of Health & Hygiene for Disaster Site Workers
Selection of Clothing & Equipment
Camp Security
- Prerequisites:** Due to the strenuous nature of the training, a physical examination is recommended prior to enrolling in this course.

**Electrical Safety for Disaster Responders
(8-Hours)**

Description: In addition to providing students with general shock and arc flash awareness training, this class presents students with emergency situations and emergency preparedness. Overhead lines, lightning, electrical generators, equipment & materials and electric vehicles are just a few of the subjects discussed.

Topics: Use of Hot Stick
Recognition of Electrical, TELCO and CATV Wires & Terminals
Lightning Safety
Electric Shock First Aid
Personal Protective Equipment
Generator Safety

Prerequisites: None

Corporate & Industrial Security Training

Managing Security Operations (16-Hours)

Description: This 16-hour lecture training course focuses on the fundamentals of security systems and guard forces and on the application of sound security management concepts for corporate and industrial organizations. The training supports the specialized knowledge required of security management personnel in effective planning, deploying, monitoring, supervising, and improving security systems.

Topics: Security Organization and Functions
Planning and Management of Security Systems
Security Force Staffing Challenges
Enhancing Security System Controls
Avoiding Security-related Liability
Conducting Investigations
Enhancing In-Service Training
Vulnerability Assessments
Crime Prevention through Environmental Design

Prerequisites: None

Security Vulnerability Assessments (16-Hours)

Description: This planning/management level course is designed to provide members of a facility's security team the "Hands-On" process within risk management that addresses threat based vulnerability assessments. The course delivery methodology consists of lectures, small group discussion, multimedia scenarios, and a field activity where participants conduct an "on-site" assessment of a working facility.

Topics: Determine Assets
Determine Criticality of Assets to be Protected
Assess Threat Sources
Assess Current Security Procedures
Identify Vulnerabilities
Assess Probability of Occurrence
Acquiring Information/Intelligence
Development of Mitigation Strategies to Reduce Vulnerabilities
Design of Security to "tailor-fit" Needs of Facility Operations

Prerequisites: None

**Advanced Level Security Operations
(24-Hours)**

Description: This advanced level training course provides students with advanced level knowledge & skills necessary to effectively conduct complex security operations.

Topics:

- Risk Analysis and Risk Management Concepts
- Incident Command System
- All-Hazards Emergency Management
- Comparative Review of Security Department Organizational Structures
- Characteristics of a Well Protected Facility
- Crime Prevention through Environmental Design
- Terrorism Mitigation through Environmental Design
- Physical Security Systems
- Security Technologies
- Advanced Interview & Interrogation Techniques
- Asset Identification & Prioritization
- Identification of Vulnerabilities
- Protection in Depth Concepts
- Redundant Security Schemes
- Building/Facility Evacuation Procedures
- Control Room Security
- Improvised Explosive Device Awareness
- Chemical, Biological, Radiological, Nuclear & Explosive Agents
- Active Shooter Response Guidelines
- Detection of the Armed Individual
- Information Technology (IT) Systems Vulnerabilities
- Operational Security (OPSEC)
- Continuity of Operations
- Acquisition, Deployment & Management of Security Personnel
- Legal Liability Issues
- Case Studies

Prerequisites: Restricted to licensed corporate/industrial security agents only

**Retail Security Operations
(16-Hours)**

Description: This comprehensive training course presents the student with the knowledge and skills necessary to effectively conduct security for a variety of retail establishments.

Topics: The Insider Threat/Employee Theft
Pre-Employment Screening
Popular Methods of Shoplifting
“Designing Out” Shoplifting
Responding to Suspected Shoplifting
Developing and Auditing Loss Prevention Policies & Procedures
Identification of Counterfeit Currency
Legal “Do’s & Don’ts”
Premise Liability
Fraudulent Credit Card Use/Schemes
Parking Lot Security
Case Studies

Prerequisites: None

**Church & Religious Facility Security
(16-Hours)**

Description: Churches, Synagogues, Mosques, Temples and other religious facilities have increasingly become targets for acts of violence perpetrated by extremist groups and disturbed individuals. This training course provides students with the knowledge and skills necessary to increase their situational awareness and implement practices and procedures to prevent and respond to incidents of violence and terrorism at religious facilities.

Topics: Overview of Extremist Groups
Attack Tactics/Case Studies
Conducting Threat Assessments
Review of Hate Crimes Laws
Premise Security Liability Issues, Obligation to Protect
Active Shooter Response Guidelines
Suspicious Mail/Package Procedures
Improvised Explosive Device Recognition & Response Guidelines
Evacuation Procedures
Detection of the Armed Individual
Physical Security Countermeasures
Legal Issues

Prerequisites: None

**Facility Entry Point Screening
(8-Hours)**

- Description:** This course provides techniques and guidelines to law enforcement & security personnel assigned the responsibility of assessing and screening persons for concealed/improvised weapons, explosive devices and other contraband.
- Topics Include:** Recognition of Improvised Explosive Devices
Recognition of Commercial Weapon Types & Specialty Firearms
Barrier Construction Methods
Design of Entry Control Checkpoints
Magnetometer Operation
Recognition & Response to Suicide Bombers
- Prerequisites:** None

**Facility Entry Point Vehicle Screening
(8-Hours)**

- Description:** This course provides security officers with techniques for determining various indicators of hidden improvised explosive devices, weapons and other contraband on a range of vehicle types.
- Topics Include:** Vehicle Inspection Methods
Recognition of Hidden Compartments
Bomb Blast Effects
Vehicle Checkpoints & Barriers, (hasty & deliberate)
IED Recognition
Detection Devices
- Prerequisites:** None

**Rail Car Inspection & Searching
(8-Hours)**

- Description:** This course provides law enforcement officers with techniques for conducting physical inspections of rail cars for the purposes of detecting large hidden explosive devices, weapons of mass destruction and other contraband.
- Topics Include:** Rail car design & mechanics
Overview of typical rail car cargo
Types of rail cars
Rail car inspection methods & technologies
Bomb Blast Effects
- Prerequisites:** None

**Rail Facility Security Assessments
(16-Hours)**

- Description:** This two-day training course is designed to provide students with the knowledge and skills to identify vulnerabilities unique to the rail transit industry. The course focuses on providing information pertaining to common vulnerabilities, available protective measures, and strategies for selecting appropriate protective measures.
- Topics:** Crime Prevention through Environmental Design
Terrorism Mitigation through Environmental Design
Review of DHS/TSA Requirements
Threat & Vulnerability Assessments
Risk Mitigation/Buy-down
Physical Security/Access Control
Establishing Partnerships with Local Law Enforcement
Case Studies/Lessons Learned
Field Exercises
- Prerequisites:** Restricted to public safety officials, US military, corporate/industrial security professionals and rail industry employees only
- Other Information:** Meets requirements of new TSA Rail Transportation Rule, 49 CFR 1520 & 1580.

**Improvised Explosive Device Awareness
(8-Hours)**

- Description:** This 8-hour classroom and practical training course is designed to train participants to identify potential explosive hazards and make reasonable decisions to prevent injury, death or damage. This course is delivered through instructor led facilitation, multi-media presentations and participant field activities.
- Topics:** Identification of Improvised Explosive Devices (IED)
Identification of Military Explosives
Bomb Threat Response Actions
Bomb Blast Models/Stand-off Distances
Building & Premise Search Techniques
- Prerequisites:** None

**Foreign Business Travel Safety Seminar
(8-Hours)**

Description: This new training course is designed for executives, corporate personnel and tourists considering travel to high risk international destinations. Students receive scenario based training exercises to recognize & respond to the most common threats & hazards they may encounter during their travel.

Topics: Overview of Current International Criminal & Terrorist Threats
Environmental Hazards of Foreign Travel
Avoiding Disease & Sickness
Emergency First Aid
Emergency Action Procedures and Survival Mind-Set
Signature Reduction-Remaining Anonymous and Non-Descript
Surveillance Detection
US State Department Services Abroad
Conducting a Country Risk Assessment
Travel Planning Considerations

Prerequisites: None

**Mail Room Safety
(4-Hours)**

Description: This training course provides students with the knowledge and skills necessary to implement safety procedures and develop response protocols for suspicious letters and packages, to include “white powder” letters, that may arrive at the facility.

Topics: Improvised Explosive Device Recognition
Suspicious Letter/Package Response Procedures
Overview of Anthrax as an Attack Agent
Anthrax Exposure Treatment/Prophylaxis
Personal Protection Equipment
Mail Room Safety Equipment
Field Detection Equipment
Case Studies

Prerequisites: None

Industrial Safety & Health Training

HAZWOPER (40-Hours)

Description:	This comprehensive training course provides awareness of potential hazards encountered at hazardous waste cleanup operations. Provides students with the knowledge and skills necessary to perform work with minimal risk to worker's health & safety. Provides awareness of the purpose and limitations of personal safety equipment (PPE) and ensures workers safely avoid or escape from emergencies.
Topics:	OSHA Regulatory Overview Hazard Recognition & Evaluation Toxicology Exposure Guidelines Personal Protective Equipment Monitoring Equipment Sampling Techniques Field Operations Site Safety Plan Standard Operating Procedures Decontamination Emergency Actions Field Exercises
Prerequisites:	None
Other Information:	Meets OSHA Training Requirements for 29 CFR 1910.120 (HAZWOPER)

Confined Space Entry (24-Hours)

Description:	This training course provides students with the knowledge and skills necessary to conduct permit required and non-permit required confined space entry operations.
Topics:	Identification & Classification of Confined Spaces Recognition of Confined Space Hazards Identify Roles & Responsibilities of the Entrant & Attendant Understand the Use of the Confined Space Entry Permit Practical Skills Demonstration Personal Protection Equipment Air Monitoring Understand Emergency Actions for a Confined Space Emergency
Prerequisites:	None
Other Information:	This training course satisfies the requirements for training in accordance with 29 CFR 1910.146 (g).

Use & Care of the Air Purifying Respirator (4-Hours)

Description:	A 4-hour basic hands-on training course that meets OSHA requirements for employee respirator training. Students will become proficient with dust masks, half-masks and full face masks. Course includes a qualitative fit-test and respirator medical clearance with physician review. All students receive an MSA brand half-mask respirator at no charge.
Topics:	Use, Care & Cleaning/Sanitizing of the Respirator Limitations of the Respirator Cartridge Selection Respirator Selection and Applications
Prerequisites:	None
Other Information:	This training course satisfies the requirements for training in accordance with 29 CFR 1910.134.

Use & Care of the Self-Contained Breathing Apparatus (8-Hours)

Description:	This training course provides students with the basic knowledge & skills necessary to correctly operate a self-contained breathing apparatus (SCBA). The training will include a quantitative fit-test of the student for his/her issued SCBA unit.
Topics:	Overview of Toxic Agents Operation & Maintenance of the SCBA Unit Functional Performance of the Student with SCBA Unit Quantitative Fit-Test Review of OSHA Standards
Prerequisites:	Employer Issued Medical Clearance Form
Other Information:	Training meets OSHA & NFPA standards for training

Fall Protection 101 (4-Hours)

Description:	This course is designed as an overview course to provide familiarization with the new requirements of ANSI Z359 Fall Protection standard. <i>Additional Fall Protection Training courses are available for;</i> Authorized Person for Safety at Heights Training (16-Hours) Competent Person for Safety at Heights Training (32-Hours) Safety at Heights Management Planning (8-Hours) Competent person for Equipment Inspection (16-Hours)
Topics:	OSHA Fall Protection Standard Updated ANSI Fall Protection Standard, Z359 Conducting a Managed Fall Protection Program Evaluation Developing a Comprehensive Fall Protection Program Program Administrator Requirements Qualified Person, Competent Person, Authorized Person, & Rescuer Accident Investigations Product Standards
Prerequisites:	None

**Air Monitoring for Hazardous Environments
(24-Hours)**

Description: This course is designed to meet the requirements of OSHA 29 CFR 1910.120 (q) and provides basic knowledge and techniques for utilizing gas detection & air monitoring instruments. Students will be exposed with a variety of gas detection methods and instruments.

Topics: Purpose of Air Monitoring
Properties of Hazardous Materials
Toxicity of Hazardous Materials
Detecting Toxic Gases
Combustible Gas Indicator Operations
Oxygen Monitoring
Field Exercises

Prerequisites: None

**Building Evacuation Coordinator
(8-Hours)**

Description: A comprehensive training course intended for building managers, building security professionals, dormitory assistants, and residents who wish to acquire the knowledge and skills necessary to act as an evacuation coordinator for a building/facility.

Topics: Understanding of Emergency Notification Procedures & Devices
Identification of Evacuation Routes
Identification of Rally Points, Muster Stations, Refuge Areas
Understanding Human Behavior during Crisis
Building a Evacuation Coordinator's Kit
Field Evacuation Exercise

Prerequisites: None

**Respiratory Protection Program Development & Administration
(24-Hours)**

- Description:** This comprehensive training course provides students with the most current information available regarding industrial respiratory protection programs. It provides students with the information needed to meet government regulations and operate a successful respiratory protection programs
- Topics:** Required Elements of a Written Respiratory Protection Program
Capabilities & Limitations of Respirators
Respirator Selection
Cartridge Selection and Change-out Schedules
Review of OSHA Respiratory Protection Standard
Development of Operating Procedures and Policies
- Prerequisites:** None
- Additional Information:** Meets OSHA training requirements for respiratory protection program administrator, 29 CFR 1910.134

**Respiratory Protection Master Technician
(40-Hours)**

- Description:** This comprehensive training course provides the student with the knowledge, skills and tools necessary to act as a company Respiratory Protection Program Administrator and Master Technician.
- Topics:** OSHA Respiratory Protection Standard
Respiratory Protection Program Administration
Developing a Written Respiratory Protection Program
Sampling Techniques
Use, Care, Cleaning & Maintenance of Air Purifying Respirators
Use, Care, Cleaning & Maintenance of Powered Air Purifying Respirators
Use, Care, Cleaning & Maintenance of the Self-Contained Breathing Apparatus
Use, Care, Cleaning & Maintenance of the Supplied Air Respirator
Breathing Air Compressor/Cylinder Filling Operations
Advanced Level Self-Contained Breathing Apparatus Maintenance & Testing
Quantitative Fit Testing
Qualitative Fit Testing
Respirator Medical Clearance Procedures
Respirator Selection
Respirator Cartridge Selection & Change out Schedule
- Prerequisites:** None
- Additional Information:** This training course satisfies the requirements for training in accordance with 29 CFR 1910.134.

School Safety & Security Training

School Security/Emergency Management Operations (24-Hours)

Description: This advanced level training course expands on topics presented during the School Security Operations-Basic training course and presents additional information specific to development of all-hazards emergency operations plans and conducting response operations.

Topics:

- Incident Command System
- Security & Protection for School Stadiums & Special Events
- Entry Point Screening Procedures
- Implementing a School Threat Assessment Process
- Developing & Exercising Emergency Management/Readiness Plans
- Developing Emergency Management Orientations for Parents, Students & Staff
- National Incident Management System (NIMS) & Schools
- Building Effective Incident Management Teams
- Building Effective Relationships with Law Enforcement
- School Violence Case Studies, Lessons Learned & Best Practices
- Crime Prevention through Environmental Design Concepts
- Terrorism Mitigation through Environmental Design Concepts
- Chemical, Biological, Radiological, Nuclear & Explosive Agents Overview
- Personal Protection Equipment for Security Personnel
- Improvised Explosive Device Procedures
- Evacuation Procedures
- Building Search Techniques
- Hostage Taker Procedures
- Active Shooter Procedures
- Advanced Surveillance Techniques
- Detection & Interdiction of Firearms
- Characteristics of the Armed Individual
- Weapon/Contraband Concealment Techniques
- Field Exercises
- Table-Top Exercise

Prerequisites: Restricted to school employees & public safety officials only

**School Vulnerability Assessments
(16-Hours)**

- Description:** This enhanced and school specific threat and risk assessment training course provides students with the knowledge and skills necessary to identify risks to schools and develop prevention, response and mitigation strategies.
- Topics:** Conducting a School Threat Assessment
Implementing a School Threat Assessment Process
Threat Assessment as a Decision-Making Tool
Exploring Interdependencies with Law Enforcement
Managing a Threatening Situation
Threat Identification
DHS Threat Characterization Methodology
Intelligence & Information Gathering
Identifying Vulnerabilities
Simulated Assessment Activity
Identification of Mitigation Options
Emergency Plans
Physical Security Measures & Systems
School Violence Case Studies
Protection-in-Depth Concepts
Crime Prevention through Environmental Design
- Prerequisites:** Restricted to public safety officials and school district employees only.

**School Safety Seminar
(4-Hours)**

- Description:** This exciting new training seminar is designed to be presented as recurring annual in-service training for educators, school administrators and school security professionals. The course presents updated information regarding recent case studies, lessons-learned, best practices and the latest technology for the prevention and response to acts of school violence. This seminar is also ideally suited as a presentation for students & parents.
- Topics:** Understanding of Threat Actors
Understanding of Threat Weapons
Attack Case Studies
Identification of School Vulnerabilities
Law Enforcement Response Protocols
Survival, Escape and Evasion Techniques for Students, Teachers, and Parents
- Prerequisites:** Restricted to school employees, students, parents & public safety only.

Hospital Safety & Security Training

Patient Decontamination Operations for Hospitals (24-Hours)

Description:	This hands-on training course provides students with the knowledge, skills and tools necessary to effectively conduct patient decontamination operations in a hospital setting.
Topics:	Recognition of Signs & Symptoms Associated with CBRN Exposure Familiarization with OSHA Hospital Based First Receivers Standard Concepts of Mass Casualty Triage Selection & Use of PPE Set-up and Operations of Mass Casualty Decontamination Equipment Protection of Hospital Infrastructure & Personnel
Prerequisites:	Respirator Medical Clearance Form Issued by Employer
Other Information:	This training course satisfies the requirements for training in accordance with 29 CFR 1910.134-Respiratory Protection, 1910.132-Personal Protection Equipment, & 1910.120-HAZWOPER.

Hospital & Medical Facility Security Operations (16-Hours)

Description:	Hospitals and medical facilities are typically wide open facilities with a myriad of points of entry. This training course provides students with the knowledge and skills necessary to provide for the security of hospital/medical facility staff and patients alike.
Topics:	Security Department Organizational Models Violence against Healthcare Workers Surveillance & Patrol Operations Hospital Incident Command System Patient Elopement/Wandering Patients Missing Persons Procedures Maternity Center Security Patient Property Control Patient Restraints Emergency Department Security Bomb Threats Evacuations Hostage Situations Narcotics Control
Prerequisites:	None

**Hospital Incident Command System
(8-hours)**

Description: The Hospital Incident Command System, or HICS, is a standardized, hospital based, all-hazard incident management concept. This training course will provide students with the knowledge and skills necessary to effectively operate within the integrated organizational structure of the HICS.

Topics: Primary ICS Functions
Unified Command Operation during Emergency Response
HICS vs. HEICS
National Incident Management System (NIMS) Overview
NIMS Organizational Design
Major Steps in the Planning Process
Expanding the Incident Management Team
Maintaining Span of Control
Developing an Incident Action Plan
Developing Job Action Sheets
Common Terminology
Personnel Accountability
Developing & Using Incident Planning/Response Guides
Table-Top Exercise

Prerequisites: None

Other Information: Meets NIMS Training Requirements.

Technical Services

CBRNE TECH™ PPE Maintenance Program

CBRNE TECH™ PPE Maintenance Program- Our complete, full-service preventive maintenance program provides for the maintenance of personal protective equipment (PPE) and other CBRNE disaster response equipment on a regularly scheduled basis.

Services include:

- APR, PAPR & SCBA Service
- Full Field Inspection
- Maintenance and Calibration
- 24-hour Emergency Repair Service
- Initial Technical Operation Training for all Manufacturer Types of PPE
- Program Meets or Exceeds OSHA and NFPA Requirements
- Monitoring of Individual Operator CBRNE Certification & Tracking of Required Equipment Inspections and Calibrations
- E-mail Alerts Provided to Remind Operators of Upcoming Maintenance & Training Requirements
- E-mail Reminders at 30-,60-, and 90- day Intervals Before Expiration of Products with a Limited Shelf Life
- 24/7/365 Tech Support from Local Support Team

“The best way to assure the long-term operational reliability of your CBRNE protective equipment is with a rigorous inspection, testing and maintenance program”

Additional Factory Recommended/Required Regulatory Inspection & Testing Services Available

Self-Contained Breathing Apparatus Services (SCBA)

- Perform complete equipment functional testing and visual check
- Annual Flow test
- Overhaul regulator
- Overhaul Exhalation valve
- Perform NFPA upgrades to regulators, face-pieces, and harnesses
- Provide agency with documented inspection, calibration and test results

Air-Purifying Respirator Services (APR)

- NIOSH CBRN compliant retrofits
- Inspect and replace inhalation/exhalation valves
- Install speech diaphragms
- Install drinking tubes
- Inspect and replace CBRN Filters
- Clean and Sanitize

Powered Air-Purifying Respirator Services (PAPR)

- Flow Test
- Battery Check & Replacement
- CBRN Filter Replacement

Air Cylinder Services

- Cylinder Refill-Cylinders are refilled with grade “D” breathing air. Valve is inspected for leaks and the customer is notified if any repairs are needed.
- Cylinder Overhaul- Cylinder is hydrostatically tested then cleaned and filled with grade “D” breathing air.
- Valve Overhaul-Valves are ultrasonically cleaned. Valve components are inspected and replaced (when necessary). Gauge calibration is also certified.
- Cylinder Hydrostatic Test

Other Services

- Mask Fit Testing
- Spare Parts
- Mobile Field Service Units
- Computer Tracking of Equipment Maintenance History
- Equipment Loaner Programs for Equipment being Serviced
- 24-Hour Responder Express Repair Service
- Inspection of Level-A, Level-B, and Level-C Protective Garments
- Level-A Encapsulated Suit Pressure Testing
- Portable Gas Detection Instrument Calibrations & Servicing

To Register Call 813-902-9234 or info@nlecbrne.com

CBRNE TASK™ Program

The CBRNE TASK™ Complete Readiness Management Program. A state-of-the-art technical and logistics management program which provides for the complete day-to-day management of your agency's CBRNE disaster readiness.

1. Complete Respiratory Protection Program Administration
2. Supply Center- 24/7/365 Equipment Acquisition, Warehousing, Inventory Control & Distribution
3. Complete CBRNE Responder Training & Certification Program
4. Complete PPE Maintenance Program- (*CBRNE TECH™ PPE Maintenance Program*)

The National Law Enforcement CBRNE Training Center

Your solution to a complex challenge!