



MAGPIE ENTERPRISES, INC. CBRNE TRAINING DIVISION COURSE DESCRIPTIONS



Magpie CBRNE Mission Statement

- ❑ **MAGPIE Enterprises, Inc. will provide relevant, state-of-the-art, high-quality, safe and effective CBRNE and Disaster Response training to the military and the civilian Emergency Response community in order to enhance their mission readiness and familiarization of those forces operating in the current threat environment.**
- ❑ **Our qualified, seasoned CBRNE staff specializes in training and preparing our military and civilian response customers to safely and successfully respond to intentional and unintentional release of Chemical, Biological, Radiological, Nuclear, Explosive, Toxic Industrial Chemicals and Materials and natural or man-made disasters that result in, or could result in, catastrophic loss of life or property.**

Maritime/Shipboard CBRN Defense Response



Designed to provide a fundamental knowledge and operational competency for participants in the principles, tactics, techniques and procedures required in order to successfully perform CBRN Defense Operations in the challenging Maritime/Shipboard environment.

Functional Areas

- Maritime Safety, Vessel Types, Strategic Vessel Tour
- Vessel Navigation, Water Survival, Operations
- Personnel and Equipment Boarding, Man-Over Board Drills
- Shipboard Rescue, Extraction, Confined Space Operations
- Situational Training Exercise in a Maritime Environment

Civil Support Team Training Proficiency Evaluation (TPE) Lanes Preparation



Designed to mirror the ARNORTH Training Proficiency Evaluation (TPE) and create an environment for the unit's commander to accurately measure the team's training and proficiency level.

- ❑ Provides an environment to successfully evaluate the twelve (12) Civil Support Team (CST) Mission Essential Tasks.
- ❑ Two (2) full-scale All Hazard exercises that focus to meet the commander's training objectives.
- ❑ Provides realistic CBRNE scenarios, sophisticated training Aids and simulators that challenge the team's detection and analytical capabilities.
- ❑ Provides a formal AAR to capture the team's strengths and weaknesses.

HAZWOPER Refresher Training



Designed for General Site Workers or Emergency Responders who remove hazardous waste or could be potentially exposed to hazardous substances or health hazards.

❑ The HAZWOPER 8-Hour Annual Refresher Training meets the requirements outlined in OSHA 29 CFR 1910.120 for 8 (eight) hours of annual refresher training for workers at hazardous waste sites.

❑ The course is comprised of nine sections covering topics pertaining to workplace hazards associated with Hazardous Waste Operations and Emergency Response (HAZWOPER).

Multi-Agency Disaster Response Exercises

Designed and tailor-made to meet the unique training objectives of our customers with the following training focus:

- ❑ Test interstate coordination and resource sharing.
- ❑ Test internal state and local municipal capabilities and response procedures.
- ❑ Test cooperation and communication among state agencies and the DOD/military emergency response assets.
- ❑ Exercise DOD/military personnel in a variety of Defense Support to Civil Authorities (DISCA) roles.



Rope Rescue Technician (NFPA 1006)



Designed to teach the skills needed to safely and efficiently perform High-Angle Rescues in industrial, municipal and CBRN Environments.

❑ Successful completion of this course will provide participant with the skills necessary to meet Rescue Technician Professional Qualifications in accordance with National Fire Protection Association (NFPA) 1006, Standard for Rescue Technician Professional Qualifications (2003 Ed.) Chapter 6, Rope Rescue Technician.

Confined Space Rescue (NFPA 1006)



Designed to teach the skills needed to safely and efficiently perform Confined-Space Rescue in industrial, municipal and CBRN environments.

❑ Valuable information is provided regarding Occupational Safety and Health Administration (OSHA) standards and compliance issues. The curriculum meets requirements for rescue training in accordance with OSHA 29 CFR 1910.146, "Permit-Required Confined Space for General Industry."

❑ Successful completion of this course will also provide the participant with the skills necessary to meet Confined Space Rescue Technician Professional Qualifications in accordance with National Fire Protection Association (NFPA) 1006, *Standard for Rescue Technician Professional Qualifications (2003 Ed.)* Chapter 9, "Confined Space Rescue Technician."

Collapsed Rescue Operations Course



Designed to provide participants with the operational knowledge, skills and abilities to perform rescue at structural collapse scenes due to natural disasters or human forces. This is an intense 50-hour course, five days in length, 10 hours of instruction each day.

- ❑ This course meets and exceeds NFPA 1670 for Structural Collapse Operations.
- ❑ In addition, this course completes the requirements for structural collapse technician NFPA 1006 when combined with the ICS prerequisites and knowledge, skills, and abilities in search of collapse structures, heavy rigging, and pre-hospital EMS skills.

Small Scale CWA/BWA Production Laboratory Recognition Course



Designed to provide participants with an awareness and familiarity of both chemical and biological production hardware and processes, while addressing critical safety considerations when faced with illicit Chemical Warfare Agent and Biological Warfare Agent production labs.

- ❑ The course will review chemical and biological concepts, threat agent production and weaponization, as well as down-range collection and analysis. This information will allow the student to not only safely identify sophisticated laboratory apparatuses, but also assess small-scale production capabilities while operating in a hazardous environment.

Improvised Explosive Device (IED) Awareness



Designed to provide the students with a comprehensive overview of Improvised Explosive Devices (IED). The course will include IED anatomy, IED types, response guidelines and history of employment. At course completion participants will be able to demonstrate the following competencies:

- Define IEDs and understand different designs.
- Distinguish the major components of an IED and identify the features of potential targets.
- Recognize the different varieties of IED packaged-types and secondary devices.
- Identify and demonstrate an understanding of nationally recognized IED safety response measures.

Technical and Emergency DECON Operations



Designed to address the process of removing or neutralizing contaminants that have accumulated on personnel and equipment during a hazardous waste emergency in order to protect workers from hazardous substances that may contaminate and eventually permeate the protective clothing, respiratory equipment, tools, vehicles, and other equipment used on site.

The course addresses measures to protect site personnel by minimizing the transfer of harmful materials into clean areas, prevent mixing of incompatible chemicals, and measures to protect the community by preventing uncontrolled transportation of contaminants from the site.

Sensitive Site Exploitation (SSE)



Designed to provide chemical soldiers with the knowledge and capability to perform as a member of a Sensitive Site Exploitation Team (SSE); to confirm or deny the presence of CBRNE and toxic industrial chemical/toxic industrial material (TIC/TIM) contaminated areas; provide personnel and equipment decontamination; mitigation/remediation of hazards associated with CBRNE agents and materials. Additionally, provide IED recognition and HAZMAT Operations refresher training.

- ❑ This is NOT a cookie-cutter course; it is uniquely designed to meet the unit commander's training goals and objectives based on the needs of his/her organization.