

CBRN Threat Preparedness and Response (Chemical, Biological, Radiological, Nuclear)

COURSE OVERVIEW

This course is designed to prepare responders for dealing with Chemical, Biological, Radiological, and Nuclear (CBRN) incidents in a clear and practical way. It begins by helping participants understand what a CBRN event looks like and why these threats matter today. The course covers the key steps responders need to take, like assessing the situation, protecting themselves, managing casualties, controlling the scene, and calling for backup. Through real-life scenarios and straightforward guidance, participants will build the confidence and skills required to handle CBRN emergencies safely and effectively.

WHO SHOULD ATTEND?

Emergency responders, defense and security personnel, healthcare professionals, disaster management teams, policymakers, and other stakeholders involved in national security, public safety, and crisis management. It is also suitable for professionals in industries vulnerable to hazardous material exposure who require specialized training in CBRN risk mitigation and incident response.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Identify and assess chemical, biological, radiological, and nuclear threats.
- Apply risk-based approaches to preparedness and emergency planning.
- Execute response protocols for containment, decontamination, and casualty management.
- Coordinate multi-agency collaboration during CBRN incidents.
- Strengthen organizational and community resilience against CBRN emergencies.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand:

- Expert-led modules covering CBRN threat spectrum.
- Scenario-based learning with real-life case studies.
- Practical exercises on detection, decontamination, and protective measures.
- Integration of international standards and response frameworks.
- In-depth training on the use and maintenance of personal protective equipment (PPE) tailored for CBRN environments.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded