

Course Catalogue 2023



**Joint Chemical, Biological, Radiological
and Nuclear Defence Centre of Excellence**



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About JCBRN Defence COE

The JCBRN Defence COE is a NATO Military Body and multi-nationally sponsored organization that offers recognized expertise and experience to the benefit of the Alliance, its Sponsoring Nations and Contributing Partner as well as to other partners. The Centre supports NATO's capability development process, mission effectiveness, and interoperability by providing comprehensive and timely expertise on CBRN defence. The Centre is a NATO Accredited Education and Training Facility.

Mission Statement

The Centre provides advice in all CBRN defence-related areas; develops CBRN defence doctrines, standards and knowledge to support the improvement of interoperability and capabilities; provides opportunities to enhance education and training; contributes to the lessons learned processes; and within the approved Programme of Work (POW), assists NATO, Sponsoring Nations and Partners in their CBRN defence related efforts including validation through experimentation and operational (technical and scientific CBRN Reach-back) support.

Vision

The JCBRN Defence COE leads institutional and operational efforts to support NATO capability development, mission effectiveness, and interoperability. Through the approved POW, the JCBRN Defence COE strives to promote adaptive and innovative methods for preventing proliferation of Weapons of Mass Destruction (WMD) and protecting against CBRN incidents.

WMD-CD-25502

International Radiological and Nuclear Training for Emergency
Response (I-RAD)

27 February – 03 March 2023



Status: Listed

Security level: NATO Unclassified releasable to PfP, MD, ICI, PatG*

Course Fee: 2500 CZK (approx. 100 EUR)**

Seats: min 18, max 25 participants

Deadline for enrollment: 5 February 2023

Deadline for unenrollment: 19 February 2023

Venue: JCBRN Defence COE, Vyškov, Czech Republic

The aim of this course is to provide, radiation protection specialists, first responders, law enforcement, and emergency managers with the practical information needed to effectively respond to radiological incidents and accidents. The course provides instruction through briefings, equipment demonstrations, and field exercises employing a wide variety of radiation detection instrumentation, radiation sources, and Individual Protective Equipment (IPE).

Learning Objective:

The course covers response methods to a variety of nuclear and radiological incidents, including search, response to a portal alarm, consequence management in the event of a release of radiological material, and addresses events ranging from a small, localized release to a larger incident such as a radiological dispersal device. Upon successful completion students will understand the principles needed to organize and conduct a radiological emergency response, have practical experience applying those principles in realistic scenarios, and understand how to protect themselves and the public from contamination.

Expected Training Audience:

This course is designed for emergency response personnel and other experienced professionals seeking refresher training.

* PfP – Partnership for Peace; MD – Mediterranean Dialogue; ICI – Istanbul Cooperation Initiative; PatG – Partners across the Globe

** no fee for the JCBRN Defence COE Sponsoring Nations and Contribution Partner

WMD-CD-25616
NATO CBRN Defence Evaluators

27 - 31 March 2023



MAJ Łukasz WITKOŁA



Status: NATO Approved
Security level: NATO Unclassified
Course Fee: 2500 CZK (approx. 100 EUR)*
Seats: min 10, max 18 participants
Deadline for enrollment: 5 March 2023
Deadline for unenrollment: 19 March 2023
Venue: JCBRN Defence COE, Vyškov, Czech Republic

The aim of this course is to establish a common standard for those responsible for the evaluation of CBRN operations in NATO and Multi-national exercises and training events. Successful completion of this course will further enable the course participants to perform the responsibilities needed to perform their duties as NATO CBRN evaluators.

Learning Objective:

The course covers the implementation of the Evaluation Checklists for the Evaluation and Certification Process of the CBRN defence area and documents related to the evaluation of CBRN defence. Additionally, the course provides participants with the knowledge and understanding, required to implement Bi-SC agreed Capability Codes and Capability Statements.

Expected Training Audience:

NATO/PfP NCOs/officers OR-6 through OF-5. Officers and NCOs assigned to or selected for assignment to Headquarters elements; or forces assigned or earmarked for assignment to NATO/PfP, a Nation's Ministry of Defence, or subordinate national military headquarters; or units of any NATO/PfP country which fulfils responsibilities in support of NATO/PfP assigned or earmarked forces. A nominee for this course should be a CBRN-trained officer or NCO whose duties require knowledge of AFS volume I, II, and VII and ATP 3.8.1. Sound knowledge of the NATO CREVAL matters and CBRN defence area is recommended.

** no fee for the JCBRN Defence COE Sponsoring Nations and Contribution Partner*

WMD-CD-25502
**International Radiological and Nuclear Training for Emergency
Response (I-RAD) - Slovenia (MTS)**

15 - 19 May 2023



Status: Listed

Security level: NATO Unclassified releasable to PfP, MD, ICI, PatG*

Course Fee: Free

Seats: min 18, max 25 participants

Deadline for enrollment: 23 April 2023

Deadline for unenrollment: 07 May 2023

Venue: To be announced, Slovenia

The aim of this course is to provide, radiation protection specialists, first responders, law enforcement, and emergency managers with the practical information needed to effectively respond to radiological incidents and accidents. The course provides instruction through briefings, equipment demonstrations, and field exercises employing a wide variety of radiation detection instrumentation, radiation sources, and Individual Protective Equipment (IPE).

Learning Objective:

The course covers response methods to a variety of nuclear and radiological incidents, including search, response to a portal alarm, consequence management in the event of a release of radiological material, and addresses events ranging from a small, localized release to a larger incident such as a radiological dispersal device. Upon successful completion students will understand the principles needed to organize and conduct a radiological emergency response, have practical experience applying those principles in realistic scenarios, and understand how to protect themselves and the public from contamination.

Expected Training Audience:

This course is designed for emergency response personnel and other experienced professionals seeking refresher training.

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WMD-MD-25631
CBRN Warning and Reporting Centre Management

05 - 07 September 2023



Status: NATO Approved

Security level: NATO Unclassified releasable to PfP, MD, ICI, PatG*

Administrative Fee: 2500 CZK (approx. 100 EUR)**

Seats: min 8, max 18 participants

Deadline for enrollment: 13 August 2023

Deadline for unenrollment: 27 August 2023

Venue: JCBRN Def. COE, Vyškov, Czech Republic

The aim of this course is to train CBRN staff personnel who need to understand, use, and create inputs for the NATO or national CBRN Warning and Reporting (W&R) systems and organizations.

Learning Objective:

The course describes CBRN W&R organization, responsibilities, principles, and procedures. Participants will practice CBRN Centre Warning and Reporting organization, work, operations, and procedures in Article 5 Operations and Out of Area Operations. Upon course completion the participant will be able to understand how to use CBRN-Analysis for automated CBRN W&R and support other CBRN Knowledge Management functional areas in order to apply the actual CBRN organization and responsibilities, principles and procedures for use in an automated CBRN Centre.

Expected Training Audience:

This course is designed for CBRN staff personnel who are responsible for creating a CBRN W&R Plan or managing a CBRN W&R organization - e.g., at Area Control Center (ACC) or Zone Control Center (ZCC) levels.

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** no fee for the JCBRN Defence COE Sponsoring nations and Contribution Partner

WMD-CD-31883
Live Agent Training

09 - 13 October 2023



Status: Listed

Security level: Non-sensitive information releasable to the public

Course Fee: approx. 85000 CZK (approx. 3500 EUR)*

Seats: min 16, max 20 participants

Deadline for enrollment: 30 July 2023

Deadline for unenrollment: 11 September 2023

Venue: Military Research Institute - Testing & Training Facility, Vyškov, Czech Republic

This course is designed to provide students with the knowledge, skills, and abilities needed to work confidently, while wearing protective clothing, in a toxic environment containing Chemical Warfare Agents (CWA) and/or Toxic Industrial Chemicals (TIC). Through the training, the course participants will gain practical experience in the use of Individual Protective Equipment (IPE), will understand and be able to apply safe work practices, and will have an appreciation of the equipment and methods for detection and decontamination.

Learning Objective:

Upon completing the course participant will understand the chemical threat and how to protect against it, the chemical agent detection procedures, and the execution of immediate and operational decontamination procedures. Also, participants will have some knowledge about planning, organization, and execution of LAT in a training facility.

Expected Training Audience:

Students are supposed to have a common level of knowledge to work safely and effectively in a toxic environment.

Preconditions for participation:

All participants **must present a standardized physician's confirmation letter stating they are at the appropriate fitness level** to participate in LAT. Participants **must have a clean-shaven face** (mustaches are permitted) to ensure a proper seal of the protective mask.

* the exact amount will be announced after the deadline

WMD-MD-35522


Introduction to NATO's Activities Countering WMD – Italy (MTS)

06 – 10 November 2023

Scenario Key Points

- High-level Strategic Situation (with focus on the WMD threat)
- Introduction to the scenario (with and without biological threats) and intelligence sources (including the UK role in the scenario) and the WMD and CBRN and other aspects for the scenario (with focus on the UK role)
- Scenario (with and without biological threats) and the UK role in the scenario (with and without biological threats)
- UK involvement in the scenario (with and without biological threats) and the UK role in the scenario (with and without biological threats)

Joint Chemical, Biological, Radiological and Nuclear Defence Centre of Excellence



Status: NATO Approved
Security level: NATO Unclassified
Administrative Fee: 2500 CZK (approx. 100 EUR)*
Seats: limited up to 15 participants
Deadline for enrollment: 15 October 2023
Deadline for unenrollment: 23 October 2023
Venue: To be announced, Rieti, Italy

The aim of this course is to familiarize each participant with NATO Counter WMD doctrine and approaches and provide introduction to NATO Counter WMD activities and planning considerations. Successful completion of the course will enable participants to incorporate counter WMD activities into NATO planning efforts.

Learning Objective:

The course familiarizes with WMD/CBRN threats; National counter WMD (or WMD disablement) doctrine, strategy and policy; and the non-proliferation and counter-proliferation roles and responsibilities of select international organizations. The course further explains NATO's role in preventing WMD proliferation, its role in counter-proliferation and counter WMD, and the relationship between CBRN defence and counter WMD. The course will provide its participants with an understanding of MC 0635 ("WMD Disablement Functional Concept"); and counter WMD planning considerations in accordance with (IAW) AJP-3.23 ("Counter WMD in Military Operations"). Upon successful completion participants will understand the differences between NATO and national counter WMD activities as outlined in AJP-3.23.

Expected Training Audience:

Planners from NATO Command and Force Structures, national Ministries of Defence, subordinate military headquarters or agencies, as well as counter WMD entities and staff. Attendees should be military officers (OF-3 through OF-5); NCOs (OR-7 through OR-9), or their civilian equivalents.

** no fee for the JCBRN Defence COE Sponsoring nations and Contribution Partner*

WMD-CD-25633

CBRN Consequence Management - Italy (MTS)

27 November - 01 December 2023



Status: NATO Approved

Security level: NATO Unclassified releasable to Pfp, MD, ICI, PatG*

Administrative Fee: 2500 CZK (approx. 100 EUR)**

Seats: limited up to 15 participants

Deadline for enrollment: 5 November 2023

Deadline for unenrollment: 19 November 2023

Venue: To be announced, Civitavecchia, Italy

The aim of this course is to introduce and describe CBRN Consequence Management (CM), the NATO Crisis Management concept, organization, systems, and procedures, including Cooperation and Partnership initiatives in CBRN Crisis / Consequence Management, to NATO and Partner Nation officers and their civilian equivalents.

Learning Objective:

The course provides Lessons Learned from recent NATO commitments and exercises, identifies the importance of Rules of Engagement, CM Processes, and Public Information during the planning and implementation of Crisis Response Operations. Also, the course explains Consequence Management after CBRN incident in relation to media and communications.

Expected Training Audience:

The course was developed for key elements of the CM structure including police officers, firefighters, medical service professionals, military, civil defence, emergency management authorities, public information, and specialist teams such as counterterrorism units and investigatory agency members.

* Pfp – Partnership for Peace; MD – Mediterranean Dialogue; ICI – Istanbul Cooperation Initiative; PatG – Partners across the Globe

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Tailored solutions

We are able to provide Tailored courses on demand. Below you can find examples from past years:



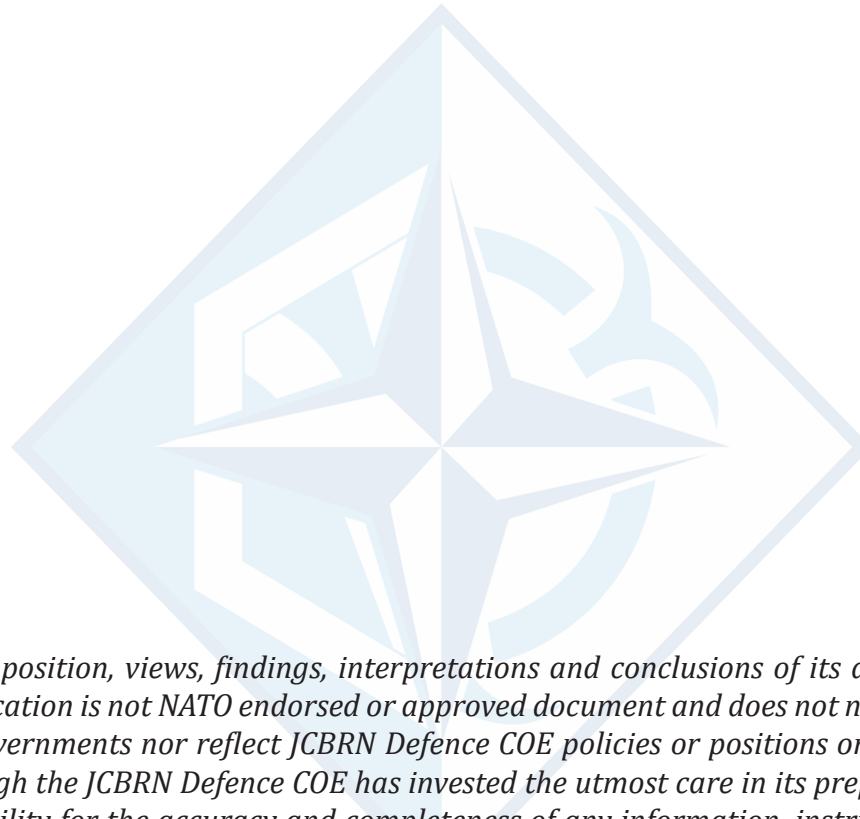
The Comprehensive CBRN Incident Commanders course - Kuwait, 2017



The CBRN Warning and Reporting - Manual Procedures course - Slovakia, 2018



I-RAD basic course - Austria, 2022



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