



University of Health Sciences

COURSE
"CBRNe Disaster & Incident Medical Management"

Introduction: The escalating prevalence of natural, incidental, and intentional CBRNe (Chemical, Biological, Radiological, Nuclear, and Explosive) threats has underscored the crucial need to enhance risk analysis, preparedness, mitigation, response, and recovery capabilities in the face of unconventional events or incidents. In response to this demand, we are pleased to announce a comprehensive training course designed to equip participants with the essential knowledge and skills required for the effective management of CBRNe events at both regional and national levels. Moreover, the course goes beyond theoretical learning, offering a unique practical exercise conducted at the CBRN Department of University of Health Sciences. This activity will provide trainees with hands-on experience and practical insights, ensuring their preparedness to handle real-life scenarios.

Training program general objective: The Course covers an extensive range of essential subjects related to CBRNe materials, prevention, protection measures, medical procedures, risk assessment, response to CBRNe events/incidents, and inter-agency coordination and communication. Throughout the Course, attendees will actively participate in discussions and interactive sessions, fostering a dynamic learning environment. To ensure a comprehensive training experience, CBRN exercise simulations will be conducted using EMS training manikins, PPEs, gas masks, along with a decontamination station. The organizing institutions will issue a final certificate of attendance.

Target Group: This specialized course is tailored to cater to emergency management personnel, emergency medical services, fire service personnel, governmental administrative staff, healthcare professionals, law enforcement personnel, armed forces, public health officials, public safety communications experts, and public works personnel. By attending this comprehensive training program and participating in the practical exercise at the state-of-the-art facilities of the CBRN Department at the University of Health Sciences, participants will be equipped with the necessary expertise to confidently handle CBRNe events and effectively collaborate with diverse agencies during crises.

Course Main Topics:

- CBRNe risks and new threat scenarios (exercise).
- CBRN agents and effects under exposure (practice)
- CBRNe detection (practice)
- CBRNe protection (in practice)
- CBRNe decontamination (practice)
- CBRNe events medical management (real-time exercise)

Place and Dates: 2-day training with tech lectures & live exercises by international experts at CBRN Department of University of Health Sciences, Ankara, Turkey. Dates: 19-20 Sept 2023. Working time: 09:00 a.m. - 12:00 p.m./01:00 p.m. - 05:30 p.m.

Directors: Prof. Levent Kenar (University of Health Sciences, Faculty Staff of CBRN Dept., Professor of CBRN Defence and Laboratory Medicine), Prof. Roberto Mugavero (President European Centre for Disaster Medicine - Observatory on Security and CBRNe Defence, Faculty staff University of the Republic of San Marino University of Rome "Tor Vergata" - DIE), Prof. Dr. Selçuk Kılıç (University of Health Sciences, Head of CBRN Dept.)

Course Fee: 300 Euro. Payment via bank transfer. Coffee breaks and lunch included for both days of the Course.

Contact: via email cemec.info@iss.sm

CEMEC Secretariat: c/o Ospedale di San Marino, Via Scialoja 1, 47893, Cailungo - Rep. San Marino
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University of Health Sciences

Course
CBRNe Disaster & Incident Risk Management

Timetable
19 September 2023 Tuesday

Language: English

Time	Lecture Title	Instructor
09.00-09.30	Welcome, Opening Speech, Introduction	- Prof. Dr. Selçuk Kılıç - Prof. MD. PhD Levent Kenar -Prof. Roberto Mugavero
09.30-10.00	Ice Breaker	
10.00-10.45	Overview on current CBRN threat and Response in Turkey	-Prof. MD. PhD. Levent Kenar
10.45-11.00	Coffee break	
11.00-11.45	Overview on CBRNe/WMD Threats	-Prof. Roberto Mugavero
11.45-12.30	On-site CBRNe Events Management	-Prof. Roberto Mugavero
12.30-13.30	Lunch Break	
13.30-14.15	Biological Agents and Bioterrorism	-Prof. Dr. Selçuk Kılıç
14.15-15.00	Chemical Threats and Medical Management of Casualties	-Assoc. Prof. MD. PhD. Sermet Sezigen
15.00-15.45	Emergency Toxicology	-Prof. Hossein Hassanian-Moghaddam
15.45-16.00	Coffee break	
16.00-16.45	Radiological/Nuclear Threats and Medical Management of Casualties	-Assist. Prof. Pharm. PhD. Neslihan Kulahlıoglu
16.45-17.30	CBRNe Threat: New Scenario and Emerging Challenges	-Prof. Roberto Mugavero
17.30-18.00	Introduction on Simulation Scenarios and 1 st day assessment	-All Instructors

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Timetable
20 September 2023 Wednesday

Language: English

Time	Activity	Instructor
09.00-09.45	Essentials of CBRN Personal Protective Equipments of PPEs for First Responders (Practical Lecture)	Assoc. Prof. MD. PhD. Sermet Sezigen
09.45-11.00	PPE-Gas Mask Safety Test & Decontamination Exercise (Practical Lecture)	-Assoc. Prof. MD. PhD. Mesut Ortatathı -Res Asst. Batuhan Çebi
11.00-11.15	Coffee break	
11.15-12.15	Medical Scenario Simulation on CBRN Mannequin (Practical Lecture)	-Assist. Prof. Pharm. PhD Neslihan Kulahlıoglu -Res Asst. Batuhan Çebi
12.15-13.30	Lunch Break	
13.30-14.15	Training Facility Table-top Simulation Exercises: Scenario Practice - I	-All Participants
14.15-14.30	Coffee Break	
14.30-16.00	Training Facility Table-top Simulation Exercises: Scenario Practice - II	-All Participants
16.00-17.45	Group presentations, Feedback Survey, Certificate issue and Closing remarks	-All Participants

