

Radiological Training Courses / Information

Note: You must have a FEMA Student Identification (SID) account number for CTOS, FEMA hosted training (on-line & in-residence courses).

<https://cdp.dhs.gov/FEMASID>

CTOS - Center for Radiological Nuclear Training Classes

Note: These courses below are generally taught in Nevada (In-Resident Training) or taught at a local jurisdiction. Contact CTOS directly to find out the process to schedule and bring these requested courses to your jurisdiction.

<https://ctos.acadisonline.com/acadisviewer/login.aspx>

Response to Radiological/Nuclear Weapons of Mass Destruction Incidents - PER-354

PER-354 provides the Participant with the baseline response capability to safely respond to a radiation exposure device, Radiological Dispersal Device (RDD), or nuclear device incident.

Population Monitoring at Community Reception Centers - PER-332

PER-332 provides fundamental knowledge and situational awareness to safely and effectively perform or assist population-monitoring duties at Community Reception Centers (CRCs) or similar facilities after a radiological/nuclear incident has occurred.

Introduction to Radiological/Nuclear WMD Operations - AWR-140

AWR-140 provides First Responders and others in Response or Support mission roles with an introduction to radiological/nuclear WMD operations. This course—which aligns with the Awareness level and Operations level competencies of NFPA® 472, “Standard for Professional Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents”—also provides fundamental knowledge in threat or incident recognition, protective measures, notifications, and incident area management.

Radiation Instruments Employment - PER-355

PER-355 applies to both the Prevent and Response mission areas. This class uses a series of drills to reinforce the skills of Emergency Responders previously trained to use radiation detection instruments.

Radiation Instruments Operations - PER-345

PER-345, Radiation Instruments Operations, serves a dual role for the response community. For the new operator, this course provides an overview of the general selection and operation of radiation detection instruments. New operators should continue with their response training in order to gain the proper knowledge required to operate safely in the radiological/nuclear environment. For the experienced operator, this course provides a refresher on multiple radiation detection platforms.

Radiological Training Courses / Information

CTOS On-Line Offered Web Courses

<https://ctos.acadisonline.com/acadisviewer/login.aspx>

Note: Once logged in, following courses are available on-line via CTOS web site:

PER-307-W

Introduction to Nuclear Detonation Effects and Response Strategies

AWR-140-W

Introduction to Radiological/Nuclear WMD Operations - WBT

AWR-410-W

Hospital Radiological Emergency Operations: Hazards and Countermeasures

AWR-411-W

Hospital Radiological Emergency Operations: Personal Protective Equipment

AWR-412-W

Hospital Radiological Emergency Operations: Pre-Arrival and Recovery

AWR-350-W

Hospital Radiological Emergency Operations: Hospital Operations Plan

FEMA On-Line Offered Courses

<https://cdp.dhs.gov/>

Note: On-Line Courses can be accessed via the “Student Portal” once you are logged on.

AWR-923-W

Radiological Emergency Management (REM)

AWR-929

Introduction to NUREG-0654/FEMA-REP-1, Revision 2 (NUREG)

Version 2

Overview

This course serves as a primer for the Radiological Emergency Preparedness (REP) Program stakeholders on the purpose and use of Federal Emergency Management Agency (FEMA) and Nuclear Regulatory.

Radiological Training Courses / Information

AWR-925-W

Radiological Accident Assessment Concepts (RAAC dL)

Version 3

Overview

This web-based course is a prerequisite for the resident classroom course PER-316 “Radiological Accident Assessment Concepts (RAAC).”

AWR-928-W

Nuclear/Radiological Incident Annex (NRIA)

Version 8

Overview

The AWR-928-W Nuclear/Radiological Incident Annex course is designed to help you understand the Nuclear/Radiological Incident Annex (NRIA).

AWR-930-W

REP Decision Makers Course (RDMC)

Version 3

Overview

This web-based course provides a basic awareness and understanding of a radiological event, and how the information supplied during the event may affect your decision-making process.

FEMA Center for Domestic Preparedness (CDP) In-Resident Courses

Note: Travel & Per-Diem Paid by FEMA. Courses taught at CDP in Anniston, Alabama

REP Radiological Emergency Response Operations (RERO)

RERO PER-904

40 Contact Hours

Overview

Radiological Emergency Response Operations is a five-day course includes lectures, hands-on training, and team exercises. Students learn the concepts, equipment, and procedures related to radiological incident response, including a commercial nuclear power facility. During the course, the responders work in teams to perform radiological emergency response operations in a realistic exercise environment. The course culminates with an exercise that implements the Incident Command system in response to an incident that requires team coordination. The course adheres to Federal Emergency Management Agency Radiological Emergency Preparedness Program, the Environmental Protection Agency Manual or Protective Action Guides and Protective Actions for Nuclear Incidents and Federal regulations.

Radiological Training Courses / Information

To be eligible for the course, the student must successfully complete the following courses:

IS-100.b, Introduction to the Incident Command System,
IS-200.b, ICS for Single Resources and Initial Action Incidents,
IS-700.a, National Incident Management System (NIMS), An Introduction,
IS-800.b, National Response Framework (NRF), An Introduction
AWR-923-W Radiological Emergency Management

Advanced Radiological Incident Operations (ARIO)

ARIO PER-905

40 Contact Hours

Overview

The Advanced Radiological Incident Operations course is a five-day course that provides participants with the advanced skills necessary to safely respond to and manage incidents involving radiological hazards. Participants apply these skills in tabletop exercises based on realistic radiological incident scenarios, set within the Incident Command System structure. You must complete RERO PER-904 as a prerequisite to attend ARIO PER-905.

To be eligible for the course, the student must successfully complete the following courses:

PER-904, Radiological Emergency Response Operations; or
PER-241 Radiological /Nuclear Course for HAZMAT Technicians.

Radiation Emergency Assistance Center/Training Site (REAC/TS)

REAC/TS, as part of the Oak Ridge Institute for Science and Education, offers accredited continuing medical education courses in radiation emergency medicine.

Many types of professionals can benefit from the lectures, discussions, hands-on activities and role-playing exercises as they learn about the different aspects of the medical management of a radiological/nuclear incident.

On-Site Radiation Emergency Medicine Courses:

[REAC/TS Continuing Medical Education Courses - ORISE](#)

Radiation Emergency Medicine

Course is intended for physicians, physician assistants, nurse practitioners, nurses, and other healthcare providers. First responders, emergency management and public health professionals

Radiological Training Courses / Information

Health Physics in Radiation Emergencies

Course is designed primarily for health physicists, medical physicists, radiation safety officers and others who have radiation dose assessment and/or radiological control responsibilities.

Advanced Radiation Medicine

Course providing advanced information for medical practitioners