



MERRTT

Modular Emergency Response Radiological Transportation Training

DESCRIPTION:

This 16-hour training program is designed to take the complex topic of a radiological accident response and break it down into 15 easily understood modules and hands-on practical exercises. Students will receive a comprehensive review ensuring their understanding of radioactive material, radiological survey instruments and decontamination techniques for handling radiologically contaminated victims. Hands-on practical exercises verify the student understanding and knowledge of radiological principles, instrument operation, decontamination techniques and employing radiologically contaminated patient treatment practices is solid. The course includes use of "live" radiation sources in the practical exercises to reinforce learning. Upon successful completion of the MERRTT course students will receive a certificate from the Department of Energy's Transportation Emergency Preparedness Program, including up to 9.5 hours of continuing education hours (CEH) for medical response personnel.

COURSE MODULES INCLUDE:

- Radiological Basics
- Biological Effects
- Radioactive Material Shipping Packages
- Hazard Recognition
- Initial Response Actions
- Patient Handling
- Rad Survey Instruments & Dosimetry Devices
- Decontamination, Disposal and Documentation
- DOE Shipments and Resources
- Waste Isolation Pilot Plant
- Pre-Hospital Practices
- Transportation of Safeguards Material

- Transportation by Rail
- Case Histories
- Public Information Officer

5 practical hands-on activities include:
Radiological Instrument Use; Patient Handling;
Assessing Package Integrity; Survey of
Contaminated Personnel; Picture Practical

PREREQUISITES: None

LOCATION:

SHIELD Training Center
4300 Caterpillar Rd., Redding

DATE: October 29th & 30th 2025

TIME: 8am- 5pm, 1 hour lunch break (meal not provided)

COST: There is no fee for the course. Food, lodging, and transportation costs are the responsibility of the participant.

WHO SHOULD ATTEND?

Emergency responders (includes hazmat, fire, law enforcement, EMS, emergency management) assigned the responsibility to respond and support first responder activities at radiological transportation accidents along major shipping routes (I 580, I 205, I 5, and I 80 to the California/Nevada state line)

REGISTRATION:

Email Jennifer.James@ssvems.com

Scan QR Code to Register

