



MODULAR EMERGENCY RESPONSE RADIOLOGICAL TRANSPORTATION TRAINING (MERRTT)

June 10th - 11th, 2025

Oxford, NC

16 Hours

DESCRIPTION: The MERRTT Program allows students to develop an understanding of radiological basics, radiological survey instruments, shipping packages and decontamination techniques. The course includes several hands-on activities including the use of radiation detection equipment, identifying the various types of radioactive material packaging, and the use of "live" radiation sources to reinforce learning. Upon successful completion of MERRTT, each student will receive a certificate from the Department of Energy's Transportation Emergency Preparedness Program, including up to nine continuing education hours (CEH) credit for emergency medical responders.

Additional information about the Department of Energy Transportation Emergency Preparedness Program can be obtained at www.teppinfo.com.

COURSE CONTENT:

- Radiological Basics
- Biological Effects
- Radioactive Material Shipping Packages
- Hazard Recognition
- Initial Response Actions
- Patient Handling
- Radiological 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

- Patient Gross Decontamination
- Instrument Use

PREREQUISITES: None

COST: No fee for the course. Food, lodging, and transportation is the responsibility of the participant.

LOCATION: Granville County Convention & Expo Center
4185 US-15
Oxford, NC 27565

TIME: 8:30 AM – 5:00 PM

REGISTRATION: Please register in [NC TERMS](#)

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HANDS-ON ACTIVITIES

- Assessing Package Integrity
- Contamination Surveys
- Bunker Gear Decontamination Dress Down

