

## Radiological Training Matrix

The US Department of Energy and the Colorado WIPP Program offer access to a variety of training courses to prepare for response to transportation accidents involving radioactive and nuclear material.

Target audiences include: fire safety, law enforcement, EMS, environmental and public health, emergency management, medical, public works, dispatch, medical examiners, coroners, crime scene investigators, government officials, public and elected officials, public safety officers, radiological protection, and the public.

The table below identifies the OSHA level of training offered by the various courses.

Awareness	Operations	Technician	Specialist	Name of Course	Agency Offering
X				Modular Emergency Response Radiological Transportation Training (MERRTT) Overview <ul style="list-style-type: none"> <li>Facilitated: 1-3 hours</li> <li>Conferences only</li> </ul>	USDOE TEPP
X				Understanding Radiological Threats in Your Community <ul style="list-style-type: none"> <li>Facilitated: 1-3 hours</li> <li>Conferences only</li> </ul>	USDOE TEPP
X				First On Scene Training for Emergency Responders – A Radiological Primer <ul style="list-style-type: none"> <li>Self-paced online course</li> </ul>	Colorado WIPP Program
X				Public and Environmental Health Radiological Training <ul style="list-style-type: none"> <li>Self-paced course available on CD</li> </ul>	Colorado WIPP Program
X				Radiological Awareness for Dispatcher Training <ul style="list-style-type: none"> <li>Facilitated: 2 hours</li> </ul>	USDOE WIPP
X	X	X *		Compressed Modular Emergency Response Radiological Transportation Training (CMERRTT) <ul style="list-style-type: none"> <li>Facilitated <b>refresher</b> course: 8 hours</li> <li>Often taught at conferences</li> </ul>	USDOE TEPP USDOE WIPP
X	X	X *		Modular Emergency Response Radiological Transportation Training (MERRTT)** <ul style="list-style-type: none"> <li>Facilitated: 16 hours</li> </ul>	USDOE TEPP USDOE WIPP
X	X			Independent Study Modular Emergency Radiological Response Transportation Training (IS-302) <ul style="list-style-type: none"> <li>Self-paced online course: 6-8 hours</li> <li>This is a <b>refresher</b> course</li> </ul>	Federal Emergency Management Agency
X	X	X +		Train-the-Trainer for Modular Emergency Response Radiological Transportation Training (MERRTT - T3) <ul style="list-style-type: none"> <li>Facilitated: 16 hours</li> <li>The Train-the-Trainer module is conducted at the end of the second day of training</li> </ul>	USDOE TEPP USDOE WIPP

		X		Technician Modular Emergency Response Radiological Transportation Training (TMERRTT) <ul style="list-style-type: none"> <li>Facilitated: 8 hours</li> <li>Prerequisite is the MERRTT course within the prior year</li> </ul>	USDOE TEPP
		X		Compressed Refresher Modular Emergency Response Radiological Transportation Training with Radiological Assistance Program <ul style="list-style-type: none"> <li>Facilitated: 16 hours</li> <li>Prerequisite: the full 16 hour MERRTT course</li> </ul>	NNSA/RAP
			X	Radiation Specialist <ul style="list-style-type: none"> <li>Facilitated: 40 hours</li> <li>Prerequisite is 16 hour MERRTT course or equivalent</li> </ul>	USDOE TEPP
			X	I have absolutely no idea <ul style="list-style-type: none"> <li>Facilitated: 8 hours</li> </ul>	USDOE TEPP USDOE WIPP
				NIMS Incident Command System Courses <ul style="list-style-type: none"> <li>ICS-300; facilitated: 24 hours</li> <li>ICS-400; facilitated : 16 hours</li> </ul>	USDOE WIPP
			X	Recovery, Acceptance, and Handling of Radiologically Contaminated Human Remains <ul style="list-style-type: none"> <li>Facilitated: 8 hours</li> </ul>	USDOE WIPP

A special note about the MERRTT modules/courses:

- The MERRTT modules/courses have been reviewed by Department of Homeland Security and accepted into the listing of federal courses available for State Administrative Agencies to employ consistent with state strategies.
- The course has been reviewed by OSHA Directorate of Technical Support and Emergency Management, who determined that it met the intent of the requirements of 29 CFR 1910.120 (q) (6).

\*These courses meet some of the technician level competencies.

\*\* This course serves as a one of the recognized prerequisites for the "Radiation Specialist Course".

+ This course meets ISO requirements according to the following: 'According to the Insurance Services Organizations Public Protection Classification under "Training"; credit for training is determined in section # 580, page 30 of the Fire Suppression Rating Schedule section G, "Training on Radioactivity (Ti6) is required annually. ½ day per member per year. (3 Hours minimum)."

For further information about any of these courses, please contact:

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