



# RAIL WORKERS

## Hazardous Material Training Program

### Description of Curricula

<b>Course Title</b>	<b>Hazardous Materials Transportation Safety and Security Course</b>
<b>Course Short Description</b>	This course provides the safety awareness and security awareness training required by DOT for hazmat transportation workers. This course also provides OSHA first responder – awareness level training.
<b>Training Provider</b>	IBT Safety and Health Department/Worker Training Program
<b>Languages</b>	English and Spanish
<b>Delivery Method</b>	The course will be conducted via virtual classroom and classroom format. Training will meet adult learning needs and will include breakout groups, exercises, and demonstrations that involve: <ul style="list-style-type: none"> <li>• Instructor lecture with student questions and discussion.</li> <li>• Small group student activities</li> <li>• Peer-to-peer training with activity-based learning</li> <li>• Student participation and interaction</li> <li>• Virtual Classroom</li> </ul>
<b>Course Hours</b>	8 hours
<b>Intended Audience</b>	Railroad workers involved in the transportation of hazardous materials and who may be the first on the scene or first to witness a release of hazardous materials or be aware of a security threat.
<b>Learning Objectives</b>	Topics covered in this course include: an introduction to hazardous materials and the role of the first responder; federal regulatory agencies; DOT's Hazardous Materials Regulations; recognition and identification of hazardous materials in transportation; how to use the DOT Emergency Response Guidebook; chemical properties; how to use online resources: NIOSH Pocket Guide, New Jersey Hazardous Substances Fact Sheets, and Safety Data Sheets; an introduction to toxicology; DOT security requirements.
<b>Course Outline</b>	<p>UNIT 1: HazMat First Responder Awareness</p> <p>UNIT 2: HazMat Regulatory Agencies</p> <p>UNIT 3: HazMat Regulations [HMR]</p> <p>UNIT 4: HazMat Chemical and Physical Properties</p> <p>UNIT 5: HazMat Health Effects</p> <p>UNIT 6: Hazard Recognition</p> <p>UNIT 7: Hazard Communication</p> <p>UNIT 8: Emergency Response Guidebook</p> <p>UNIT 9: Resources for Hazardous Materials</p> <p>UNIT 10: DOT Security Awareness Training</p>

