



RAIL WORKERS

Hazardous Material Training Program

IBT Consortium Description of Curricula

Course Title	Hazardous Materials Transportation Safety and Security Course
Course Short Description	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.
Training Provider	IBT Safety and Health Department/Worker Training Program
Languages	English and Spanish
Delivery Method	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"> • Instructor lecture with student questions and discussion. • Small group student activities • Peer-to-peer training with activity-based learning • Student participation and interaction • Virtual Classroom
Course Hours	8 hours
Intended Audience	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.
Learning Objectives	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.
Course Outline	UNIT 1: HazMat First Responder Awareness UNIT 2: HazMat Regulatory Agencies UNIT 3: HazMat Regulations [HMR] UNIT 4: HazMat Chemical and Physical Properties UNIT 5: HazMat Health Effects UNIT 6: Hazard Recognition UNIT 7: Hazard Communication UNIT 8: Emergency Response Guidebook UNIT 9: Resources for Hazardous Materials UNIT 10: DOT Security Awareness Training

