



**Environment, Health, & Safety
Training Program**

MAT 0006 DOT Radioactive Materials Transportation

Course Syllabus

Subject Category:	Hazmat Transportation	Course Prerequisite:	MAT 0002/0004
Course Length:	Varies by vendor	Medical Approval:	No
Delivery Mode:	Class	Retraining:	Every (3) years
Schedule:	Offsite vendor		

Course Purpose: To provide training for individuals that cause radioactive materials to enter commerce in accordance with 49 CFR 172.700. These employees are defined as hazmat employees and includes anyone who:

- Loads, unloads, or handles hazardous materials;
- Designs, manufactures, inspects, marks, maintains, reconditions, repairs, or tests a package, container, or packaging component that is represented, marked, certified, or sold as qualified for use in transporting hazardous materials in commerce;
- Prepares hazardous materials for transportation;
- Is responsible for the safety of hazardous materials; or
- Operates a vehicle used to transport hazardous materials

Course Objectives:

Upon completion of the course, the student should be able to:

- Understand the format and organizational structure of the DOT HMR
- Utilize the Hazardous Materials Table
- Apply relevant Special Provisions
- Select the proper packaging
- Properly identify, mark and label radioactive materials packages
- Decipher the specification markings on a UN specification packaging
- Properly complete all required documents for ground shipping
- Apply Separation and Segregation requirements
- Select the appropriate placards for transport vehicles
- Classify articles/substances with multiple hazards
- Identify RAM storage and vehicle loading requirements for RAM shipping.
- Perform relevant calculations as they pertain to radioactive materials shipments.

Course Instructional Materials: PowerPoint Presentation

Instructor: Offsite vendor

Training Compliance Requirements: 49 CFR 172.700.

Written Exam: Yes

Retraining/Recertification: Every (3) years