

Track Safety Standards

Course Objective: Enable the student to use the FRA Track Safety Standards as a resource and guideline in determining if the roadbed, track geometry, structure, track appliances and track-related devices meet Federal standards. Also, owners responsibilities, the designation of track inspectors, standards for track, rail, switch and track crossings, special inspections and records of inspections and civil penalties.

Who this is for: Owners, inspectors, maintenance-of-way personnel and others responsible for maintaining track and roadbed in compliance with Federal standards.

Item Code	Lesson Description
TSS.1A	General, roadbed and track geometry
TSS.2A	Track structure, track appliance and track-related devices, inspection

Item Code	Required Textbook
BKTSSAF	<i>Track Safety Standards (Code of Federal Regulations)</i>

Item Code	Full Course Title (Includes Textbook)	Price
TSS1AFC	Track Safety Standards (FRA)	\$52.25

Enrolled students may take individual lessons.
Please contact student services for individual lesson and textbook pricing.

Track Maintenance

Basic Principles of Track Maintenance

Course Objective: This course provides your crew with instruction in basic track components and basic track maintenance principles. The course progresses from an overview of the basic track structure to an examination of its components and ends with a look at turnouts and right-of-way. General principles of track safety are presented in the second lesson and stressed throughout the course. You'll also find the applicable Federal Railroad Administration (FRA) Track Safety Standards presented in each lesson.

Who this is for: An excellent training tool for railroads, rail transit authorities, track contractors, or anyone needing to inspect and maintain track.

Item Code	Lesson Description
TMB.1B	Basic track structure
TMB.2B	Safety and the use of track
TMB.3B	Track tools
TMB.4B	Roadbed
TMB.5B	Crossties
TMB.6B	Ballast
TMB.7B	Rail
TMB.8B	Rail joints
TMB.9B	Track alinement and gage
TMB.10B	Track surface
TMB.11B	Turnouts
TMB.12B	Roadway

Item Code	Required Textbook
BKTMB	<i>Basic Principles of Track Maintenance</i>

Item Code	Full Course Title (Includes Textbook)	Price
TMB1FC	Basic Principles of Track Maintenance	\$379.00

Advanced Principles of Track Maintenance

Course Objective: Advanced Principles of Track Maintenance picks up where Basic Principles of Track Maintenance leaves off. Safety continues to be stressed throughout these lessons. FRA Track Safety Standards are presented as appropriate. Students will be exposed to topics such as track inspection, material management and security, vegetation control, derailment issues, and more.

Who this is for: An excellent training tool for railroads, rail transit authorities, track contractors, or anyone needing to inspect and maintain track.

Item Code	Lesson Description
TMA.13A	Rail replacement
TMA.14A	Cutting, welding, and grinding
TMA.15A	Tu mouts and trackwork
TMA.16A	Track construction
TMA.17A	Railroad-highway grade crossings
TMA.18A	Management and security
TMA.19A	Maintaining and operating work equipment
TMA.20A	Vegetation control
TMA.21A	Rail defects
TMA.22A	Track inspection
TMA.23A	FRA Track Safety Standards
TMA.24A	Derailment work

Item Code	Required Textbook
BKTMA	<i>Advanced Principles of Track Maintenance</i>
	Note: BKTSSAF included with full course

Item Code	Full Course Title (Includes Textbook)	Price
TMA1FC	Advanced Principles of Track Maintenance	\$379.00

Enrolled students may take individual lessons.
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