

# KNOXVILLE, TN

## BASIC RAILROAD TRACK MAINTENANCE

This two-day workshop provides classroom-based instruction on basic railroad track maintenance practices, with an emphasis on shortline, branchline, and industrial freight track operating under FRA Class 1 or 2 standards (25 mph or less). Participants will learn to identify the basic elements of railroad track, recognize maintenance issues, understand principles of maintenance planning, and become familiar with maintenance approaches suited for various types of track. The course is structured to build foundational knowledge that supports effective track upkeep of lower-speed freight and industrial rail lines.

Instruction focuses on key track components and conditions that directly affect maintenance needs, including drainage, turnouts and track crossings, crossties, continuous welded rail, and track geometry. This workshop is intended for persons with responsibility for or interest in track maintenance, including those working with shortline, regional, and Class I railroads; transit railroads; railroad contractors and consultants; and state and local government agencies associated with railroad operation, finance, and regulation. The content is designed to be applicable across these roles and organizations without assuming prior specialized training.

### PDHs AVAILABLE

12 PDHs (Professional Development Hours) are available for those completing the course. All attendees who successfully finish the course receive a certificate of completion.

### REGISTRATION

The course fee includes printed course materials, beverages, and snacks. Enrollment for this workshop is limited to 40 participants. Please register early to ensure your participation. Full payment of registration fees must be received at least two weeks prior to the workshop. Attendees are responsible for all meals and lodging.

### EXPERT INSTRUCTOR

Dr. David Clarke, Ph.D., P.E., Director Emeritus of the UT Center for Transportation Research, brings nearly 40 years of experience encompassing a variety of railroad design, inspection, research and education activities. As a licensed civil engineer, Dr. Clarke prepares specifications and designs for railroad track construction and maintenance.

### DATES/PLACE

**May 11-12, 2026**

**UT Conference Center Building**  
Room 323  
600 Henley Street  
Knoxville, TN 37996

### COURSE FEE

**\$845**

per attendee

This 2 day workshop includes classroom lectures that would benefit those with responsibility for or interest in track maintenance.

Please call 865-974-5255 for more information or if you are interested in hosting a class in your area.

### REGISTER NOW

[ttap.utk.edu/course-calendar](http://ttap.utk.edu/course-calendar)

865-974-5255

TTAP@utk.edu

