Instructor Guide

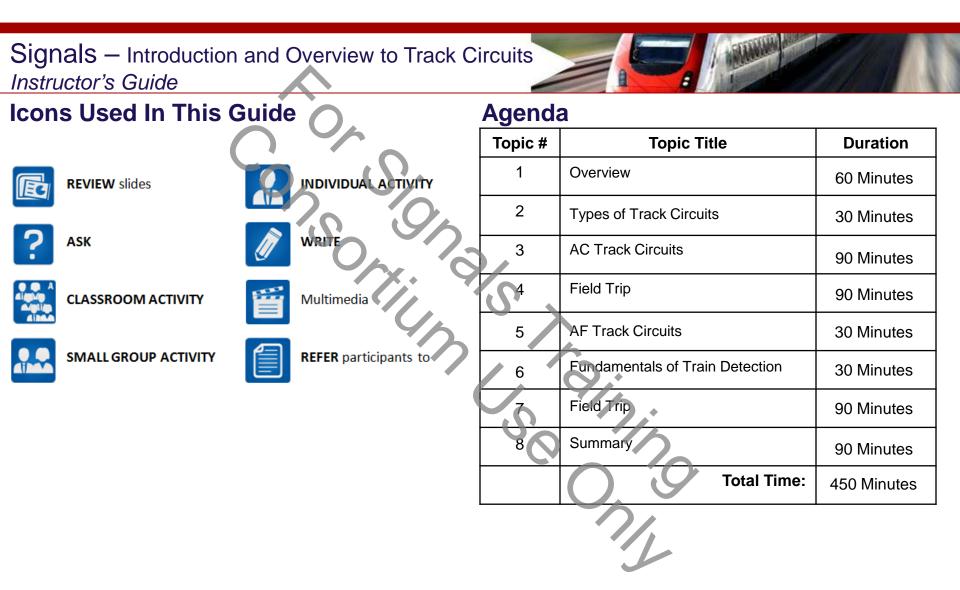


101: Introduction and Overview of Track Circuits

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Signals – Introduction and Overview to Track Circuits	
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Signals – Introduction and Overview to Track Circuits Instructor's Guide

Overview

Purpose The purpose of this module is to: The purpose of this course is to provide the participant with an introduction to the basics of train detection and rail structure within different types of track circuits.

Objectives

At the end of this lesson, the transit elevator/escalator trainee will be able to:

- Recognize the principles and operations of track circuits
- Name the common of types track circuits
- Record types of track circuits at your location
- List the major components found in track circuits and examine their functions
- List basic components of rail structure
- Describe the difference between shunted and open track circuits

Materials

Mandatory Make sure you have the following

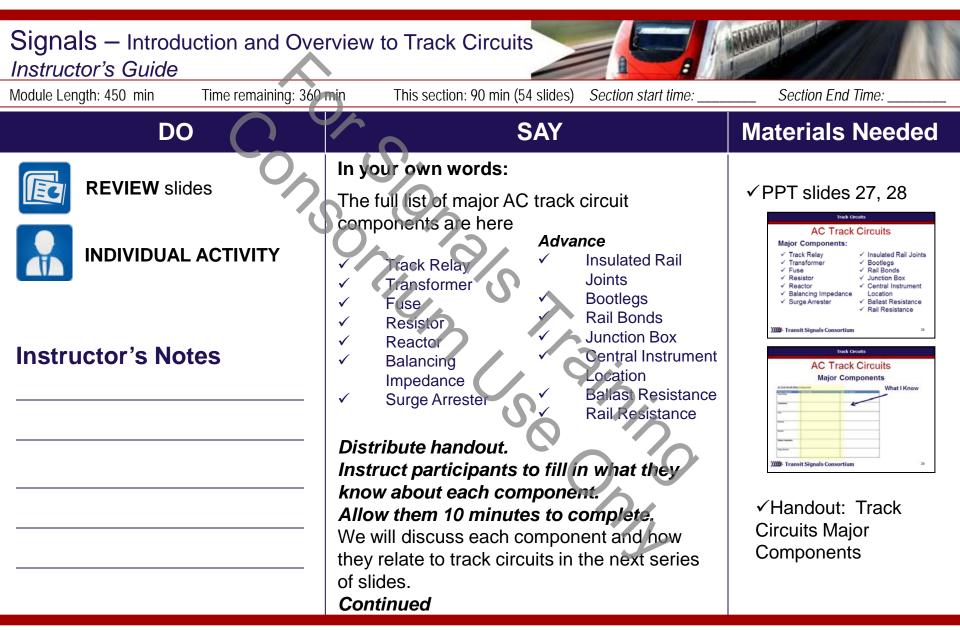
- PowerPoint Presentation
- Coursebook
- Quizzes
- Pencils
- Book: North American Railway Signaling
- Handouts: AC Track Circuits Major Components
- Your notes in course book table page 21

Optional You may also want the following for optional activities:

- Chalk board with chalk, large paper with marker, etc.
 - Internet connection OR downloaded video(s)
- Lab, simulator or out of service elevator

Signals – Introduction and Ove Instructor's Guide	rview to Track Circuits		
Module Length: 450 min Time remaining: 450	nin This section: 60 min (9 slides)	Section start time:	Section End Time:
DO	SAY		Materials Needed
REVIEW introduction slides Multimedia	In your own words: Welcome to the course on The and Overview of track Circuits <i>Acvance</i> Riders depend on us. Here is a short video to help us what we already may know a circuits. <i>Click on the video camera to</i> <i>Youtube video or pull up fro</i> <i>The video is 15 minutes in to</i> <i>Advance</i>	s. us think about bout track to link to the om your files.	<section-header><section-header><section-header><section-header><image/><image/><image/><image/><image/><image/></section-header></section-header></section-header></section-header>

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