

# Instructor Guide



200: Overview of Vertical Transportation in the Public Transit Industry

*Module 1: Types and Styles of Transit Elevators and Escalators*

# Types and Styles of Transit Elevators and Escalators



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## Icons Used in This Guide

Throughout the Learner's Guide, the following icons indicate the type of content being presented.



Refer To



PowerPoint



Multimedia



Web based Training



Write



Ask



Individual Activity



Small Group Activity



Classroom Activity



Duration

## Agenda

Topic No.	Topic Title	Duration
1	Introduction <ul style="list-style-type: none"> <li>Set expectations</li> <li>Transit Environment Challenges</li> <li>Reference Books</li> </ul>	5 minutes
2	Introduction to Escalators <ul style="list-style-type: none"> <li>Sections of an Escalator \</li> <li>Safety Precautions</li> </ul>	45 minutes
3	Types of Escalators <ul style="list-style-type: none"> <li>Conventional</li> <li>Modular</li> </ul>	30 minutes
4	Introduction to Elevators <ul style="list-style-type: none"> <li>Areas of an Elevator</li> <li>Safety Precautions</li> <li>Elevator Systems</li> </ul>	45 minutes
5	Types of Elevators	30 minutes
6	Elevator Systems	20 minutes
7	Summary	5 minutes
<b>Total Time:</b>		<b>3 hours</b>



## Overview

### Purpose

The purpose of this module is to:

- Introduce participants to an overview of Transit Vertical Transportation.

### Objectives

At the end of this chapter, the learner will be able to:

- Describe an overview of Transit Vertical Transportation
- Describe features of Escalator Systems
- Describe features of Elevator Systems

### Materials

Make sure you have the following:

- Laptop (one for leader)
- Participant Guides
- PowerPoint slide deck
- LCD projector
- A17.1 Safety Code for Elevators and Escalators
- A17.2 Guide for Inspection of Elevators, Escalators and Moving Sidewalks
- A17.3 Safety Code for Existing Elevators and Escalators
- Heavy Duty Transportation System Elevator Design Guidelines (APTA RT-RP-FS 008-03)
- Heavy Duty Transportation System Escalator Design Guidelines (APTA RT-RP-FS 007-02)
- Field Employees' Safety Handbook
- Transit Agency Handbook

### Materials

- Rubber bands, string, balsa wood, Styrofoam, thumb tacks

### Preparation

**PREPARE** flip charts with the following titles:

- Class Expectations