

Introduction to Optimization

Duration: 1 day

Overview

The “Optimization” process is used to determine optimal scenarios for stops, runs, route scenarios based on specified criteria. It is important that users are familiar with the optimization process in order to effectively create and manage complex route scenarios. This course takes you through the optimization process from beginning to end while explaining helpful tips along the way. The course exercises include a detailed look at each of the optimization tools available in BusPlanner. Students will learn about how each of these can be used to create an optimal routing solution.

Goals

- Gain a general knowledge of optimization theory
- Gain an understanding of tools available in BusPlanner
- Gain an understanding of the use of these tools

Audience

This course is designed for experienced BusPlanner users who are responsible for the operation of optimization scenarios in their office.

Prerequisites and recommendations

Users should have completed “Introduction to BusPlanner” and “Advanced Route Planning Techniques” and have experienced at least one complete transportation planning cycle using BusPlanner.