JUMPSTART: AN INTRODUCTION TO AUTODESK® VEHICLE TRACKING
ONLINE COURSE OUTLINE

TOPCON

Solutions Store

AUTODESK
Platinum Partner

(855) 289-1772
training@topconsolutions.com

A true fan favorite… Autodesk® Vehicle Tracking is a comprehensive transportation analysis and design solution for vehicle swept path analysis (2D & 3D). This software enables engineers, designers, and planners to predictably evaluate vehicle movements as well as optimize road and campus geomatics in real time. Additionally, the software makes quick work of parking and roundabout layout/design by adhering or monitoring from true design standards (customizable), so the user can efficiently move on to the next design decision.

Prerequisite: It is recommended that you have a working knowledge of a CAD application such as AutoCAD & Microsoft Windows.

Course Length: 2 days, 3 hour sessions

Textbook: Ascent Learning Guide (Digital copy provided)

Session 1: On the Right Path (3-hours)

Technical Overview – The What, Where and Why…

Settings:
- System -vs- Drawing
- Vehicle Library
- Parking Standards Explorer
- Roundabout Standards Explorer

General Workflows - Identifying the Consistencies…

Swept Path Analysis - Use swept path analysis to speed planning and design processes. Topics as follows:

- Plan View (2D)
- Vertical (3D)

Session 2: The Kitchen Sink (3-hours)

Session One Review

Custom Vehicle Creation (The Basics)

Simplistic Animation and visualizations - Animate vehicle paths directly within the CAD environment. Create 2D or 3D animations, using multiple camera angles and even a Record function.

Parking Layout - Design vehicle parking areas in minutes instead of hours. Quickly place rows, custom bays, and access roads. Use grips to easily edit design alternatives.

Introduction to Roundabouts - The Road Design tool uses intelligent objects to help engineers create and edit roundabout geometry to a variety of international design standards.