

AutoCAD Civil and Civil 3D 2010 Essentials for Surveyors

Description

This course covers the essential survey part of AutoCAD Civil 3D. Students learn how to work with point data in AutoCAD Civil 3D; create and analyze a surface; work with survey data; and import and export data.

Course Duration: 1 day

Syllabus

Day 1

AutoCAD Civil 3D Environment

- ✓ Working with workspaces
- ✓ Examining Toolspace
- ✓ Creating Objects, Object Styles, and Label Styles
- ✓ Creating Drawing Templates
- ✓ Creating Reports

Survey

- ✓ Creating Survey Databases
- ✓ Creating Survey
- ✓ Creating Figure Styles and
- ✓ Importing Field Book Files
- ✓ Working with Survey

Points

- ✓ Import and Create Points
- ✓ Manage Points
- ✓ Use Grips to Control Graphical Point Display
- ✓ Create a Point Table

Surfaces

- ✓ Create a Surface
- ✓ Modify the Surface Properties
- ✓ Edit a Surface
- ✓ Assign a Contour Style and Apply Surface Labels

Sharing Data

- ✓ Importing AutoCAD Land Desktop Data
- ✓ AutoCAD External References
- ✓ Civil 3D Data Shortcuts and Reference Objects
- ✓ Exporting Civil 3D Data

Note: Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the course participants.