



This hands-on foundation-level course covers the essentials of AutoCAD® Civil 3D® for Surveyors. Students will learn how to export data from field equipment and import the converted data into to AutoCAD Civil 3D and create an existing condition plan.

Prerequisites: Before starting this course, students should have working knowledge of AutoCAD® and understand basic surveying concepts. It is also recommended that the student have a working knowledge of Microsoft® Windows® XP or Windows® 7.

Register Online: [Click here.](#)

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Objectives

The primary objective of the course is to familiarize students with the concepts and application of the essential functions of AutoCAD Civil 3D as it relates to the Surveyor.

After completing this course, students should be able to:

- Import and work with survey data using figures
- Work with the survey toolspace and survey database
- Create points, change point styles, and manage point groups
- Create, edit and analyze surfaces
- Use data shortcuts for sharing data

Who Should Attend

Surveyors and survey technicians

Course Outline

AutoCAD Civil 3D Interface

- Civil 3D Workspaces
- Civil 3D User Interface
- Civil 3D Toolspace and Panorama

Survey Level 1

- Civil 3D Survey Toolspace
- Civil 3D Points
- Civil 3D Survey Figures

Survey Level 2

- Survey Workflow
- Preparing for Survey Data
- Obtaining and Creating Survey Data
- Adjust, Analyze and Output Survey Data

Surfaces Level 1

- Civil 3D Surfaces Overview
- Surface Editing
- Surface Labels and Analysis