



This online lecture-style seminar exposes users to the powerful object model in AutoCAD® Civil and AutoCAD® Civil 3D and demonstrates how its underlying system of links and dependencies makes the design process much more interactive and adaptable as corrections are made on the fly.

Prerequisites: Before starting this course, students should be familiar with AutoCAD® Land Desktop and Civil Design, as well as intermediate to advanced level AutoCAD® skills (current version).

Register Online: [Click here.](#)

Visit www.ideateinc.com for a complete class schedule.
Or call our Training Department at 888.662.7238.

Training Facilities

San Francisco

San Jose

Sacramento

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[Click here for training facility addresses and lab hours.](#)

Objectives

The primary objective of this course is to give students a broad overview of AutoCAD Civil/AutoCAD Civil 3D so that they can jumpstart their use of the software.

Become productive more quickly, by learning how to navigate the AutoCAD Civil/AutoCAD Civil 3D interface.

Guarantee both consistent drawing creation and drawing presentation throughout the engineering workflow by learning how to adjust drawing, feature, and command settings.

Control the appearance of engineering objects and drafting elements by using AutoCAD Civil/AutoCAD Civil 3D styles based on CAD standards.

Learn how to migrate design data from AutoCAD Land Desktop to AutoCAD Civil/AutoCAD Civil 3D.

After completing this course you will:

Understand the software's dynamic engineering model and its interface.

Know how to import survey point data into AutoCAD Civil/AutoCAD Civil 3D and create AutoCAD Civil/AutoCAD Civil 3D points.

Know how to create a Civil 3D surface using point data.

Know how AutoCAD Civil/AutoCAD Civil 3D treats the alignments and how the labels update automatically when the alignment is moved.

Know how to create a dynamic existing and finish ground profiles with dynamic labels.

Know how to import Land Desktop data into AutoCAD Civil/AutoCAD Civil 3D.

Who Should Attend

If you are a Principal, Civil Engineer, Drafter or CAD Manager evaluating AutoCAD Civil/AutoCAD Civil 3D and want to see the power of its dynamic engineering model or wish to begin using it, then this class is for you.

Course Outline

Day 1

AutoCAD Civil/AutoCAD Civil 3D Interface

An Overview of AutoCAD Civil/AutoCAD Civil 3D

Menus

Toolspace

Navigating the Toolspace's Settings Tab

Navigating the Toolspace's Prospector Tab

Working with Points

Point Styles

Label Styles

Point File Formats

Surfaces Modeling

Creating Surfaces

Surface Styles

Surface Label Style

Editing a Surface

Day 2

Alignments

Alignment Styles

Alignment Label Styles

Profiles

Profile Styles

Profile Label Styles

Creating Existing Ground Profiles

Creating Finished Ground Profiles

Project Data Management and Sharing Project Data

Importing Data from

AutoCAD Land Desktop