

CIVIL 3D

FOR SURVEYORS

OVERVIEW

Learn the essentials and become experienced with the features of AutoCAD Civil 3D. Hands-on exercises throughout the course explore how to create 2D and 3D drawings. This course teaches students the essential elements of AutoCAD Civil 3D including creating, analyzing, and managing survey drawings and projects.

SPECIFICS

Duration: 2 Days

Hours: 9 am - 4 pm (including lunch hour)

Cost: \$995/person (includes training materials)

Prerequisites:

Working knowledge of:

- How to navigate the internet
- Microsoft® Windows®



12 credits upon completion of this course

REGISTERED CONTINUING EDUCATION PROGRAM

TOPICS COVERED

AutoCAD Civil 3D Environment

- The User Interface
- Examining Toolspace
- Creating Objects, Object Styles, and Label Styles
- Creating Drawing Templates
- Creating Reports

Working with Survey

- Creating Survey Databases
- Creating Survey Networks
- Creating Figure Styles and Prefixes
- Importing Survey Data

Working with Survey Data Points

- Importing and Creating Points
- Managing Points

Surfaces

- Creating Surfaces
- Modifying Surfaces
- Creating Surface Styles

Site Design - Parcels

- Creating Sites
- Creating Right-of-Way Parcels
- Creating Parcels
- Editing Parcels
- Labeling Parcel Segments and Creating Tables

Manage Data

- Plan Production
- Working with Data Shortcuts and Reference Objects
- Calculating Quantity Takeoff Using Pay Items
- Working with Autodesk Vault