

Curso: AutoCAD® Civil 3D® Essentials



Duración: 16 Horas / 4 sesiones de 4 horas

Horario: Común Acuerdo

Objetivos: This foundation-level course covers the essentials of AutoCAD® Civil 3D®. Students learn how to work with point data in AutoCAD Civil 3D; create and analyze a surface; develop a site; model roads, corridors, and pipe networks; work with survey data; and import and export data. Hands-on exercises throughout the courseware explore how to create 2D and 3D production drawings.

Prerequisitos: AutoCAD Essentials o experiencia equivalente.

Contenido del curso:

Working with Workspaces and Point Data

- Lesson: Working with Civil 3D Workspaces
- Lesson: Creating Points
- Lesson: Viewing and Editing Point Data
- Lesson: Managing Points
- Lesson: Changing Point Styles
- Lesson: Creating Label Styles
- Lesson: Using Transparent Commands

Surface Modeling

- Lesson: Creating Surfaces from LandXML Files
- Lesson: Editing Surface Triangles
- Lesson: Creating Breaklines
- Lesson: Analyzing Surfaces
- Lesson: Creating Volume Surfaces
- Lesson: Viewing Surfaces in 3D



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Lesson: Creating a Surface Output

Site Development

Lesson: Creating Sites

Lesson: Creating Parcels

Lesson: Changing Parcel Styles and Display Order

Lesson: Labeling Parcel Segments

Lesson: Creating Parcel Tables and Reports

Road Design

Lesson: Creating and Editing Alignments

Lesson: Creating Profiles

Lesson: Creating a Profile by Layout

Lesson: Creating Sections

Corridor Modeling, Subassemblies, and Cross Sections

Lesson: Creating Simple Corridors

Lesson: Creating Assemblies

Lesson: Creating Complex Corridor Models

Lesson: Editing Corridor Models

Lesson: Calculating Corridor Volumes

Lesson: Creating Corridor Cross Sections

Grading

Lesson: Introduction to Grading

Lesson: Creating Grading Objects

Lesson: Creating a Grading Solution with Multiple Objects

Lesson: Generating Quantity Takeoff

Sharing Data

Lesson: Importing Land Desktop Project Data

Lesson: Exporting AutoCAD Civil 3D Data

Lesson: Working with Autodesk Vault and AutoCAD Civil 3D Files

Lesson: Creating Sheet Sets

Pipe Networks

Lesson: Creating Pipe Networks

Lesson: Editing Pipe Networks in Plan View

Lesson: Drawing Pipe Networks in Profile and Section Views

Lesson: Editing Pipe Networks in Profile View

Lesson: Creating Part Rules

Survey

Lesson: Importing Survey Data

Lesson: Working with Survey Data



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