

Introduction to Autodesk Land Desktop – 16.0 Hours (2 Days)

Course Description

Summary

This course explores the capabilities in AutoCAD® Civil 3D® Land Desktop Companion for Civil Designers, Engineers, Surveyors and Planners. The class introduces the Land Desktop Civil project, and provides an in-depth examination of tools for point management, including point groups and the organization of points in the drawing using Description Keys. Other topics include base plan creation, layout, digital terrain modeling, contouring and volume calculations. The class examines both baseline station and offset design tools for road and corridor applications, and parcel and lot layout functions for site design. Tools are illustrated for providing a comprehensive project management solution through labeling, tables and annotation, as well as new features for large drawing and project management.

Representative Topics

Alignment Definition, Stationing and Drafting
Automating Drawings with Point Description Keys
Basemaps - Line and Curve Creation
Creating and Verifying Terrain Models
Creating Contours
Digital Terrain Modeling
Land Project Management
Layout Commands for Baselines and Parcels

Managing Annotation and Label Styles
Parcel Definition and Reporting
Point Database and Point Capabilities, The Point Groups
Point Organization and Editing
Prototypes and Project Settings
The Terrain Model Explorer
Volume Analysis

Prerequisites

Thorough familiarity with AutoCAD® is essential and familiarity with AutoCAD Civil 3D Land Desktop Companion.



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