



OVERVIEW OF COURSE

Autodesk AutoCAD Civil 3D Fundamentals

Course Length: 5 days

The AutoCAD Civil 3D Fundamentals training guide is designed for Civil Engineers and Surveyors who want to take advantage of AutoCAD® Civil 3D® software's interactive, dynamic design functionality. The AutoCAD Civil 3D software permits the rapid development of alternatives through its model-based design tools. You will learn techniques enabling you to organize project data, work with points, create and analyze surfaces, model road corridors, create parcel layouts, perform grading and volume calculation tasks, and layout pipe networks. Understanding the AutoCAD workspace and user interface.

Upon completion, you will be able to:

- Learn the AutoCAD Civil 3D user interface
- Create and edit parcels and print parcel reports
- Create points and point groups and work with survey figures
- Create, edit, view, and analyze surfaces
- Create and edit alignments
- Create data shortcuts
- Create sites, profiles, and cross-sections
- Create assemblies, corridors, and intersections
- Create grading solutions
- Create gravity fed and pressure pipe networks
- Perform quantity takeoff and volume calculations
- Use plan production tools to create plan and profile sheets

Prerequisites:

Experience with AutoCAD® or AutoCAD-based products (such as Autodesk® Land Desktop) and a sound understanding and knowledge of civil engineering terminology.



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