

AutoCAD Civil 3D Fundamentals

Course Duration: 3 Days

Prerequisite: Working Knowledge of AutoCAD.

Course Outline

- Getting started using the Civil 3D interface and introducing Civil 3D Objects.
- Working with Points, Tables and settings.
- Creating Surfaces, boundaries, displaying contours and surface tables.
- Creating Alignments from other entities, creating Tables and Tags.
- Creating Ground profiles, checking Design criteria and Labeling.
- Creating Sections and Sample Lines.
- Creating and Managing Assemblies and Sub-Assemblies.
- Preparation of a Surface prior to creation of a corridor with Regions.
- Creating and labeling Complex Parcels.
- Grading Building pads with feature lines.
- Creating Pipe Networks and checking for Interference.
- Importing Land Desktop data and Exporting AutoCAD data.
- Rendering Surfaces and Corridors.
- Importing Survey data and working with Survey settings and Styles.
- Using Hydraflow for Hydrology, Watershed analysis, Storm Sewer design, Culverts etc.