

# AutoCAD Civil 3D New User Training

## 3-day class

The AutoCAD Civil 3D New User course covers the core topics for working with the AutoCAD Civil 3D software. You will learn how to use many of the powerful tools and work through real world exercises and examples to reinforce your understanding. This course will provide you with the instruction and practice on common tasks that other professionals are performing every day with AutoCAD Civil 3D.

- **The AutoCAD Civil 3D Interface**
  - Locate Features/Commands within the Ribbon, Command Line and Toolspace
  - Introduction to Workspaces
- **Project Management**
  - Using Data Shortcuts to Manage and Share Data
- **Parcels**
  - Drawing Linework from a Legal Description using Transparent Commands
  - Creating and Editing Project Parcels
  - Utilizing Annotation for Bearings, Distances, etc.
- **Survey**
  - Workflow Overview
  - Inserting and Creating Civil 3D Points
  - Point Marker and Label Styles
  - Working with Point Groups
  - Generating Point Reports
- **Surfaces**
  - Building Surfaces from Survey Data
  - Editing Surfaces
  - Surface Analysis
  - Working with Contours
- **Alignments**
  - Alignment Creation
  - Editing Alignments
  - Communicate Design Information utilizing Alignment Labels
- **Profiles**
  - Generate Existing Ground and Finished Grade Profiles
- **Corridors**
  - Creating Assemblies
  - Corridor Modeling
- **Grading**
  - Introduction to Feature Lines
  - Working with Grading Groups and Grading Criteria
- **Pipe Networks**
  - Working with Gravity Pipe Networks in Plan/Profile
  - Working with Pressure Networks in Plan/Profile
- **Quantity Take off/Sections**
  - Working with Sections
  - Volume Calculations
- **Plan Production**
  - Introduction to View Frames
  - Creating Plan and Profile Sheets