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## **AutoCAD® Civil 3D® 2010 Fundamentals – 3 days**

### **Course Description**

This 3-day hands-on 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. We typically use the Civil 3D Courseware as an outline, working through a single project, looking at the different capabilities of the software. This culminates on the last day by running back through all of the features using one simple design project.

### **Course Length and Class Hours**

- The AutoCAD Civil 3D Essentials course is a three (3) day course.
- Training hours for the course are from 8:30 am to 4:30 pm.

### **Course Outline**

- Working with Workspaces and Point Data
- Surface Modeling
- Site Development
- Road Design
- Corridor Modeling
- Grading
- Sharing Data
- Pipe Networks
- Survey Data

### **Course Objectives**

After completing this course, you will be able to:

- Model surfaces
- Develop a site
- Design road systems
- Model corridors
- Create grading objects
- Share design and engineering data
- Create and edit pipe networks
- Import and work with survey data

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