



# AutoCAD® Civil 3D Fundamentals

The AutoCAD® Civil 3D® Fundamentals course 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

Students learn techniques enabling them 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.

## COURSE OF FOCUS:

- Learn the AutoCAD Civil 3D user interface
- Understand the dynamic capabilities of the software, and how quickly and efficiently changes can be made
- Create and control objects in Civil 3D
  - points
  - point groups
  - parcels
  - surfaces
  - alignments
  - profiles
  - profile views
  - assemblies
  - feature lines
  - grading groups
  - corridors
- Understand Styles and how to use them
- Create, edit, view, and analyze surfaces
- Use plan production tools to create plan and profile sheets
- Perform site grading for a pond and outward from a building pad
- Balance a site for cut / fill
- Develop a Finished Grade profile for a roadway

## PREREQUISITES:

- Previous Experience with AutoCAD
- Understanding of survey and civil engineering principles and language

### Additional Information:

- Instructor Led Training
- 3 Days, 9:00 am – 4:00 pm

### Authorized Training Center:

1128 Roosevelt Avenue  
Suite 100  
York, PA 17404

### **Customized and on-site training available upon request.**

To request a training, contact a Print-O-Stat specialist by phone at 1-844-435-7479 or email [software@printostat.com](mailto:software@printostat.com).