

Course Description

AutoCAD Civil 3D uses the standard AutoCAD drafting environment, which includes the graphics editor, command line, menus and the Help system.

Following a brief introduction to the AutoCAD components, the focus shifts to the behavior and use of the AutoCAD Civil 3D Toolspace.

Course Duration:	2 Days
Delivery:	Instructor led - maximum 6 participants
Course Times:	9:00 am - 5:00 pm
Software Used:	AutoCAD Civil 3D
Registration:	<u>Register your interest here!</u>

Prerequisites

Prior to attending this course you should have:

- Some AutoCAD skills and an understanding of terminology

Upon completion you will be issued with a **Civil Survey Solutions Certificate of Training.**

Course Objectives

- **Navigate within AutoCAD Civil 3D design environment and control the display of data**
- **Create and edit AutoCAD Civil 3D points including display management and tables**
- **Create and edit AutoCAD Civil 3D multiple surfaces, including managing display, pasting and volumes**
- **Create and edit alignments, including labelling and table creation**
- **Generate quick long section views**
- **Undertake site and surface grading, including grading projections, feature line controls and volume outputs**
- **Create and edit parcels (land subdivision), including labelling and table creation**
- **Use Data Shortcuts as a tool for data collaboration and data management**

Topics Covered

- **Interface and display controls**
- **COGO points**
- **Surface modelling and analysis**
- **Alignment design**
- **Automatic site grading—creation and editing**
- **Lot layout**
- **Surface long sections—introduction**
- **Sharing design data among design team members**