

AutoCAD Civil 3D Fundamentals

Public Training Course

Course Description

This course will introduce you to the fundamentals of using AutoCAD Civil 3D. We help you navigate the interface then train you on Civil 3D points, surfaces, alignments, grading and parcels, with associated data sets, to give you a comprehensive understanding of the software.

Course Duration:	2 Days
Location:	Civil Survey Solutions training facility
Delivery:	Instructor led – Maximum of 6 trainees
Course time:	9:00am – 5:00pm
Software used:	AutoCAD Civil 3D

Prerequisites

- Basic knowledge of AutoCAD interface and tools
- A good working knowledge of basic design principles

All trainees will receive a digital certificate on completion.

Register or more information: training@civilsurveysolutions.com.au

Standard Course Content

Introduction to Civil 3D

- User Interface

Civil 3D Points

- Point Groups
- Importing and Creating Points
- Controlling Point Data
- Point & Object Styles
- Description Key Sets

Civil 3D Surfaces

- Surface creation
- Managing Surface Display
- Surface Labelling
- Analysing Surfaces
- Editing Surfaces
- Combining Surfaces
- Volume Surfaces

Civil 3D Alignments

- Site Creation
- Alignment Creation
- Editing Alignments
- Alignment Labelling
- Alignment Tables
- Offset Alignments
- Alignment Widening
- Profile Views

Civil 3D Parcels

- Parcel Creation
- Rights of Way
- Editing Parcels
- Lot Label Creation & Editing
- Parcel Tables

Civil 3D Grading

- Grading Criteria
- Grading Styles
- Organising Grading Data
- Grading Creation