

Fundamentals Public Training Course

Course Description

This Civil Survey Solutions public course will introduce you to the fundamentals of using Civil Site Design tools to undertake a variety of design projects.

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:	Civil Site Design on CAD Platform (AutoCAD Civil 3D, AutoCAD, BricsCAD)

Prerequisites

- Civil 3D: Working knowledge of Civil 3D surfaces and alignments
- AutoCAD / BricsCAD: Undertake the 'CSD Getting Started' Elearning Course
- 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

Getting Started

- Overview of the interface
- Object creation and management
- Surfaces
- Labels
- Alignments

String Design

- Grading Strings
- Model Builder
- Templates
- Road Strings
- Vertical Design & Cross Sections
- Automodel
- Profile Strings
- Design Data Form
 - Templates
 - Variations
 - Batters
 - Design Constraints

Road String Objects

- Intersections
 - Kerb Returns
- Cul-de-sacs
- Knuckles

Outputs & Reports

- CAD Output
- Reports
- Plotting
- Setting Out

Optional Course Content

- Superelevation
- Driveway Checking
- Table Drains
- Roundabouts