



Pipes

Public Training Course

Course Description

This Civil Survey Solutions Course will introduce you to the fundamentals of using Civil Site Design to undertake underground pipe design projects. We cover the creation drainage networks, sewer systems and general pit/pipe systems for Service Utilities.

Course Duration:	1 Day
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

- Basic understanding of Civil 3D / CSD surfaces and CSD string design.
- A good working knowledge of basic drainage 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
- Workflow discussion
- Network Settings

Drainage Design

- Pit & Pipe Creation
- Pit & Pipe Editing
- Managing Catchments
- Managing Bypass
- Managing Inflow
- Network Creation
- Network Vertical Design
- Labelling
- Reporting & Plotting

Sewer Design

- Design Settings
- Pit & Pipe Creation
- Network Creation
- House Connections
- Network Vertical Design
- Labelling
- Reporting & Plotting

Service Obstructions

- Design Settings
- Pit & Pipe Creation
- Network Creation
- Labelling
- Reporting & Plotting