Civil 3D Fundamentals

COURSE DESCRIPTION

This Civil 3D training course is designed for Civil Engineers and Surveyors who want to take advantage of the interactive, dynamic design functionality of AutoCAD Civil 3D.

AutoCAD Civil 3D software enables the rapid development of alternatives through its model-based design tools. The course will teach you how to organise project data, work with points, create and analyse surfaces, model road corridors, perform grading and volume calculation tasks and layout pipe networks.

COURSE MODULES

- AutoCAD Civil 3D User Interface
- Create Points and Point Groups
- Work with Survey Figures
- Create, Edit, View and Analyse Surfaces
- Create and Edit Alignments
- Create Data Shortcuts
- Create Sites, Profiles and Cross-Sections
- Create Assemblies and Corridors
- Create Simple Grading Solutions
- Create Gravity Fed Pipe Networks
- Perform Quantity Take-Off and Volume Calculations Utilise
- Plan Productions to Create Plans and Profile Sheets

OTHER INFORMATION

Prerequisites

Experience with AutoCAD and a good understanding of civil engineering terminology.

Course Duration

3 Days

Next Steps

A bespoke course

A AutoCAD

AUTODESK

man machine