



Civil 3D Fundamentals: Land Development

COURSE DESCRIPTION

This Civil 3D training course is designed for Civil Engineers, Architects and Hydrology Engineers who want to take advantage of the interactive, dynamic design functionality inside of Civil 3D. Autodesk Civil 3D design software is the ideal tool for civil engineers to design and model complex infrastructure projects in a familiar and intuitive AutoCAD environment. The course will teach you how to organise project data, work with points, create and analyse surfaces and perform grading and volume calculation tasks. This course covers the more detailed aspects of the software including land development, SuDS design and basic drainage network.

COURSE MODULES

- AutoCAD Civil 3D Overview and User Interface
- Creating, Editing and Analysing Surfaces
- Working with Feature Lines
- Creating and Modifying Gradings
- Surface and Grading Volume Calculations
- Creating SuDS Features (Pond, Swale etc) and Calculating Storage
- Creating Gravity Pipe Networks
- Preparing and Transferring Data to InfoDrainage*
- Creating Data Shortcuts
- Producing Plan Production Drawings
- Producing Setting Out Information
- Collaborating with Other Disciplines

*InfoDrainage install is required.



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OTHER INFORMATION

Prerequisites

Experience with AutoCAD, InfoDrainage and a good understanding of the Microsoft Windows environment.

Course Duration

2 Days

Next Steps

Optional development routes or a bespoke course.

