

AutoCAD Map 3D overview

Digital mapping for CAD users

Course Description

An intensive one day course that introduces the spatial and integration features of AutoCAD 3D Map. You gain hands on experience showing how you can use the extra functionality provided by AutoCAD Map 3D to easily integrate digital mapping in your AutoCAD drawings.

The course teaches how to:

- Access geographic and map-based data in AutoCAD.
- Obtain digital mapping quickly and easily.
- Access and integrate different types of data within a single drawing, e.g. aerial photography and SSSI maps.
- Access and use OS MasterMap[®] data that now replaces OS LandLine[®].
- Present often sensitive data to colleagues or the public in an easily accessible yet protected format.
- Learn more about AutoCAD Map.

The course is short and intensive, combining demonstration and hands-on practice. Whilst the course is primarily generic, where appropriate the exercises carried out by delegates are relevant to their industry.

Objectives

To introduce the capabilities and potential of AutoCAD Map 3D, and to teach key theory and techniques.

Who Should Attend

The course is aimed primarily at potential AutoCAD Map 3D users and new AutoCAD Map 3D users. It is also useful for existing users wanting to make better use of the features available.

Prerequisites

Delegates must have a working knowledge of:

- A recent version of Microsoft Windows.
- An Autodesk CAD application, such as AutoCAD or Autodesk Revit.

Course Outline

Managing Geospatial data in the DWG

- Attaching scanned and geo-referenced raster files
- Attaching and querying DWGs
- Importing geospatial data

Using Digital Mapping directly in Map

- Direct access to geospatial files
- Styling the data
- Editing and Updating

Using OS MasterMap data

- Import OS MasterMap data into the DWG
- Export Data to an Autodesk SDF file
- Connect and Style the data

Getting more from your CAD data

- Managing and using object data
- Linking object data to an external database
- Importing points from Excel

Powerful data publishing

- Publish to an intelligent DWF file
- Publish to MapGuide

Please note: Course topics may be modified by the instructor based upon the knowledge and skill level of the course participants.

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