



AutoCAD MAP 3D 2012 Essentials



Course Details

Course Duration: 2 days

Award: Autodesk Official Certificate in Autocad MAP 3D R2012 Essentials

Course Description

The course is a practical hands-on introduction to Autocad MAP 3D which is both an efficient and effective application for creating and maintaining mapping data and a powerful and accessible GIS environment. As a mapping version of AutoCAD it is widely used and available in local authorities, engineering consultants and government bodies. As it will read and write to ESRI and MAPinfo GIS formats and contains the same, or greater, functionality, it offers the option of carrying out all mapping, drafting and GIS functions within the one familiar AutoCAD environment.

Objectives

The primary objective of the course is to familiarise students with the concepts and applications of the main functions of AutoCAD MAP 3D 2012.

Who Should Attend

Technicians, engineers, surveyors, GIS personnel, planners, archaeologists, geologists, environmental scientists and anyone working with mapping or GIS.

Prerequisite:

Candidates for this course should be map and computer (Windows 7/Vista/XP) literate with a reasonable knowledge of AutoCAD (R2006 or later) 2D draughting. Knowledge of MS Access database would be an advantage.

Course Content:

Part 1 – Essentials for Mapping & GIS

Creating and Editing Geometry

Linking and Managing Drawing-Based Attribute Data

Using Object Classification

Importing and Exporting Drawing-based Data

Working with Raster Images

Working with Source Drawings

Using Source Drawing Queries

Using Topology and Spatial Analysis

Plotting Maps

Workflow – Transitioning to Feature Sources

Part 2 – Essentials for Geospatial

Establishing a Geospatial Environment

Stylizing Features

Editing Features

Managing Features

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