

AutoCAD® Map 3D 2010 – Essentials

Course length: 3 days

Pre-requisites:

Basic knowledge of AutoCAD

Topics covered:

- **Getting Started**
 - Introduction to the Map 3D 2010 User Interface
- **Creating and Editing Geometry**
 - Using Coordinate Geometry
 - Performing Drawing Cleanup
 - Creating Dynamic Annotation
- **Linking and Managing Drawing-Based Attribute Data**
 - Creating and Managing Object Data
 - Working with external databases
 - Link drawing objects to external databases
- **Using Object Classification**
 - Setting up Object Classification
 - Classifying Objects
- **Importing and Exporting Drawing-Based Data**
 - Perform a data import
 - Perform a data export
- **Working with Raster Images**
 - Inserting Raster Images
 - Modifying Raster Image Properties in a Drawing
- **Working with Source Drawings**
 - Source Drawing Concepts
 - Attaching and Working with Source Drawings
 - Working with Coordinate Systems
- **Using Source Drawing Queries**
 - Defining Queries by Location, Attribute Data or Object Properties
 - Using the Query Library
 - Editing in a Multiple-Drawing Environment
- **Stylizing Drawings**
 - Display Manager concepts
 - Create Thematic Maps

- **Using Topology and Spatial Analysis**
 - Create and Manage Network and Polygon Topologies
 - Perform Topology Analysis
- **Plotting Maps**
 - Generate a Map book
- **Survey Data**
 - Creating Survey Data Stores
 - Importing ASCII Points
 - Creating and Editing Survey Points
- **Job Processes**
 - Example 1: Creating Hydrant Maintenance Reports Using Queries
 - Example 2: Adding Hyperlinks Automatically to Objects from Object Data
 - Example 3: Transition Workflow from Drawings to Feature Sources