

MAP 3D

ESSENTIALS

OVERVIEW

Learn the essential features and functions of AutoCAD Map 3D 2010, including how to create, manage, and analyze mapping data. Using hands-on exercises guide students through the fundamental and advanced features of AutoCAD Map 3D 2010.

SPECIFICS

Duration: 3 Days

Hours: 9 am - 4 pm (including lunch hour)

Cost: \$1195/person (includes training materials)

Prerequisites:

Working knowledge of:

- Working knowledge of a recent version of AutoCAD
- Microsoft® Windows®

* This course is based on Autodesk® Official Training Guide (AOTG).

TOPICS COVERED

Getting Started

The AutoCAD Map 3D User Interface

- Creating and Editing Geometry
- Using Coordinate Geometry
- Performing Drawing Cleanup

Linking and Managing Drawing-Based Attribute Data

- Creating and Attaching
- Object Data
- Editing and Managing Object Data
- Creating Dynamic Annotation
- Connecting to a Database

Defining a Link Template and Linking Records to Objects

- Using Database Information in a Drawing

Using Object Classification

- Setting Up Object Classification
- Classify, Select, and Create Classified Objects

Importing and Exporting Drawing-Based Data

- Importing and Exporting Data

Working with Raster Images

- Inserting Raster Images
- Modifying Raster Image Properties and Behavior

Working with Source Drawings

- Attaching Source Drawings
- Working with Coordinate Systems

Using Source Drawing Queries

- Define Property and Location

Queries

- Defining Data Queries
- Compound Queries
- Altering Properties During Queries
- Using the Query Library
- Save Back to Queried Objects

Stylizing Drawings

- About the Display Manager
- Creating Display Maps
- Creating Thematic Maps
- Using Topology and Spatial

Analysis

- Creating Network Topologies
- Network Topology Analysis
- Creating Polygon Topologies
- Polygon Topology Analysis

Plotting Maps

- Map Books

Job Processes

- Creating Hydrant Maintenance Reports
- Adding Hyperlinks Automatically to Objects
- Transitioning From Drawings to Feature Sources

Survey Data

- Creating Survey Data Stores
- Working With Survey Data Stores