

Map 3D Essentials

Course | 2 days *

Class Hours | 8:30am - 4:30pm



Map 3D Essentials is designed for new users of AutoCAD MAP 3D. You will discover how to create, manage and analyze mapping data. Topics considered essential to using AutoCAD MAP 3D software are covered in detail. This lecture with hands-on class exercises will show you how to link to external databases. Use of topology, Spatial Analysis and Raster Images are also covered.

Prerequisite: AutoCAD Fundamentals and a working knowledge of Microsoft Windows Operating System.



Autodesk
Authorized Training Center
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Visit mwcad.com for a complete class schedule or call us at 800-279-3221.

*The suggested course duration is a guideline. Course topics and timeline may be modified by the instructor based upon the knowledge and skill level of the course participants.

What students are saying about our courses:

"The class was very good. I was skeptical about trying to take such a high-tech class but the instructor made the course not only doable but also enjoyable."

- Judy Looney,
Water One

"I loved how the instructor focused the materials to our needs and uses. Great course!"

- Matthew Crockett,
Aquaterra
Environmental
Solutions

Getting Started

The Autodesk Map 3D User Interface

Creating and Editing Geometry

Using Coordinate Geometry
Performing Drawing Cleanup

Linking & Managing Attribute Data

Creating and Attaching Object Data
Editing and Managing Object Data
Creating Dynamic Annotation
Connecting to a Database
Defining a Link Template
Using Database Information in a Drawing

Using Object Classification

Setting Up Object Classification
Classify, Select, & Create Classified Objects

Importing and Exporting Drawing-Based Data

Importing and Exporting Data

Establishing a Geospatial Environment

Connecting to a Feature Source
Working with Point Data
Using Coordinate Systems
Query Features on Connect

WorkStylizing Drawings and Features

About Display Manager
Stylizing Features

Editing Features

Editing feature Attributes & Geometry
Moving Data Between DWG Objects and FDO Features
Merging and Splitting Features

Working with Raster Images

Inserting raster Images
Modifying Raster Image Properties and Behavior
Working with Dem Files

Working with Source Drawings

Attaching Source Drawings
Working with Coordinate Systems

Using Source Drawing Queries

Define Property & Location Queries
Altering Properties During Queries
Using the Query Library
Save Back to Queried Drawings

Plotting Maps

Map Books

Survey Data

Creating Survey Data Stores
Working with Survey Data Stores