

Map 3D Fundamentals



Duration | 3 Days

Description:

This course is designed to enable new users to learn most features and functions of AutoCAD® Map 3D software to create, manage, and analyze data. Topics considered fundamental to using AutoCAD Map 3D software are covered in depth. Advanced features are covered, and depending on the need of each user, can be approached as an introduction or can be followed for a more comprehensive understanding.

Prerequisites:

It is recommended that students complete the AutoCAD Fundamentals courseware or know how to use AutoCAD® software to create basic geometry, manage layers, other commands, and manage files. It is recommended that the student have a working knowledge of Microsoft® Windows® XP, Microsoft® Windows® 2000, or Microsoft® Windows® NT 4.0 experience.

Objectives:

The primary objective of the course is for students to learn the fundamentals of AutoCAD Map 3D and, through hands on exercises, learn how to create, edit, manage, and analyze mapping data.

Upon completion of this course, students will be able to:

- Create coordinate geometry and clean up drawings.
- Link and manage attribute data.
- Import mapping data from other applications.
- Set up and manage feature classification.
- Work with raster images.
- Attach and manage source drawings.
- Query objects from source drawings.
- Manage the display of map objects with Display Manager.
- Access, edit and manage geospatial data.
- Create and analyze topologies.
- Plot map books.

Course Outline:

Getting Started

- The AutoCAD Map 3D interface

Creating and Editing Geometry

- Working with Coordinate Geometry
- Performing Drawing Cleanup

Training Facilities

Virginia Beach, VA
Richmond, VA
Roanoke, VA

Inlet Technology

192 Ballard Court
Suite 306
Virginia Beach, VA
23462

Ph: 757.496.2323
Fax: 757.496.2424

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Linking and Managing Attribute Data

- Creating and Attaching Object Data
- Editing and Managing Object Data
- Connecting to a Database
- Defining a Link Template and Linking Records to Objects
- Creating Dynamic Annotation

Importing and Exporting Data

- Importing Data into AutoCAD Map 3D

Using Feature Classification

- Setting Up Feature Classification
- Classify, Select and Create Feature Class Objects

Working with Raster Images

- Inserting Raster Images
- Modifying Raster Image Properties and Behavior

Working with Source Drawings

- Source Drawing Concepts
- Attaching Source Drawings
- Managing Source Drawings
- Working with Coordinate Systems

Using Source Drawing Queries

- Define Property and Location Queries
- Define Data Queries
- Compound Queries
- Altering Properties During Queries
- Using the Query Library
- Editing in a Multiple Drawing Environment

Using the Display Manager

- About the Display Manager
- Creating Display Maps
- Creating Display Map Scales
- Using the Display Library
- Creating Thematic Maps

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Working with Geospatial Data

- Connect to a Feature Source
- Stylize Features
- Working with Potential Data
- Editing Feature Attribute Data
- Working with DEM Data

Using Topology and Spatial Analysis

- Creating Network Topology
- Creating Polygon Topology
- Edit and Manage Topologies
- Network Topology Analysis
- Polygon Topology Analysis

Plotting Maps

- Map Books

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Inlet Training Class Registration Form



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Customer Information

Company _____
Address _____
City _____ State _____ Zip _____
Primary Contact _____
Telephone _____ eMail _____

Training Class Information

Class Name _____
Class Start Date _____ Duration (# of days) _____
Student 1 _____ eMail _____
Student 2 _____ eMail _____
Student 3 _____ eMail _____
Student 4 _____ eMail _____
Student 5 _____ eMail _____
Student 6 _____ eMail _____
Student 7 _____ eMail _____
Student 8 _____ eMail _____
Student 9 _____ eMail _____
Student 10 _____ eMail _____

Payment Information

CREDIT CARD

Type (Circle One) Visa Mastercard American Express
Credit Card Number _____
Expiration Date _____ 3-4 digit Verification Code _____
Name on Card _____ Amount to be Charged \$ _____
Billing Address _____

CHECK

Check Number _____ Amount \$ _____

PURCHASE ORDER

PO Number _____ Amount \$ _____
Purchasing Contact _____ Telephone _____
e-Mail _____

NOTE: Please fax copy of PO with Registration Form