

# AutoCAD Map 3D for Design Professionals



Duration | 1 Day

## Description:

AutoCAD Map 3D is a powerful design program that supports the ability to link GIS data and objects for the purpose of providing the designer with a means to perform site analysis, review and document sustainability requirements and provide access to multiple file types. This course is intended to teach the Architect and Designer the usefulness of Map 3D to meet these project goals.

## Prerequisites:

Students should be comfortable with the fundamentals of AutoCAD and have a working knowledge of Microsoft Windows.

## Objectives:

The objective of the **AutoCAD Map 3D for Design Professionals** course is to enable Architects and Designers to use AutoCAD Map 3D as a tool to perform analysis and create maps to meet project design and sustainable criteria.

After completing this course, students will be able to:

- Establish a geospatial environment.
- Manage geospatial features.
- Analyze the location of a potential building site.
- Perform Building Orientation.
- Identify methods to meet project specific sustainability requirements.

## 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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## Course Outline:

### **Introduction to AutoCAD Map 3D**

- Overview of the User Interface

### **Establishing a Geospatial Environment**

- Connecting to a Feature Source
- Using Coordinate Systems
- Query Features on Connect

### **Stylizing Features**

- Stylizing Features

### **Managing Features**

- Using Buffers
- Using Overlay Analysis

### **Site Analysis**

- Analyzing Surrounding Areas for Site Selection
- Performing Proximity Analysis for Site Selection
- Adjusting Building Properties

### **Sustainability & Documentation**

- Smart Location & Linkage
  - Creating a Proximity to Infrastructure Map
  - Creating a Preferred Location Map
- Network Pattern & Design
  - Creating a Housing Diversity Map
  - Creating a Transit Facilities & Reduced Parking Footprint Map
- Heat Islands & Solar Orientation
  - Creating a Heat Island and Solar Orientation Map
- Walkable Neighborhood
  - Creating a Smart Location Map

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# Inlet Training Class Registration Form



Duration | 1 Day

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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**