

# Learning AutoCAD Architecture 2010



Duration | 3 Days

AIA HRS | 24 HRS

## Training Facilities

Virginia Beach, VA  
Richmond, VA  
Roanoke, VA

### Description:

AutoCAD Architecture is "AutoCAD optimized for architecture." In addition to all the standard AutoCAD tools, it offers a host of features to greatly increase the speed and efficiency of architectural drawings. The software is designed to work from first concept (conceptual design or mass model) all the way through to design development, working drawings, and facility maintenance.

The *Learning AutoCAD Architecture 2010* training guide focuses on the design development and construction documentation features of AutoCAD Architecture—the basic tools that the majority of students need in their work.

### Prerequisites:

Students must have a basic understanding of Microsoft Windows, file navigation and a fundamental understanding of drafting concepts.

**Learning Units/Hours:** 24 Hours

### Objectives:

Teach the design development and construction documentation features of AutoCAD Architecture software

### Course Outline:

#### Introduction to AutoCAD Architecture

- Understanding AutoCAD Architecture
- The User Interface
- Viewing in 3D

#### Basic Wall Construction

- Adding and Modifying Walls
- Creating Curtain Walls

#### Creating Wall Openings

- Adding and Modifying Wall Openings

#### Structural Design

- Creating and Modifying Column Grids and Columns
- Annotating Column Grids
- Working With Structural Members

#### Reflected Ceiling Plans

- Creating and Modifying Ceiling Grids
- Inserting Ceiling Fixtures

## Inlet Technology

192 Ballard Court  
Suite 306  
Virginia Beach, VA  
23462

Ph: 757.496.2323  
Fax: 757.496.2424



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Authorized Training Center

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## Vertical Circulation

- Adding and Modifying Stairs
- Adding and Modifying Railings

## Floors

- Creating and Modifying Floor Slabs
- Editing Floor Slabs using Slab Tools

## Roofs

- Creating and Modifying Roofs
- Working with Roof Slabs
- Modifying Roof Slabs
- Roof Slab Tools

## Fixtures, Furnishings, and Equipment

- Furnishing the Building Design
- Adding Blocks to the Tool Palettes

## Introduction to Drawing Management

- Project Concepts
- Using the Project Navigator

## Building Model Views

- Boundary and Detail Callouts
- Elevations and Building Sections
- Modifying Callout Objects
- Using Live Sections

- **Annotation**

- Drawing Scale for Annotation
- Adding Text and Leaders
- Dimensioning in AutoCAD Architecture
- Other Annotation Tools

- **Scheduling**

- Adding Door and Window Tags
- Editing Tag Data
- Creating and Editing Schedules

- **Creating Details**

- Creating Details from Tool Palettes
- Using the Detail Component Manager
- Annotating Details with Keynotes

- **Basic Visualization**

- The Visualization Workspace
- 3D Navigation Tools
- Working with ShowMotion

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# Inlet Training Class Registration Form



## 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**



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