

Duration | 2 Days

## Description:

This class covers a wide range of advanced topics in Revit Architecture, continuing to build on the concepts introduced in the Revit Architecture Fundamentals course. Students will learn about site design, advanced rendering techniques, phasing and design options, how to create families of custom components, and how to collaborate on a design. Both imperial and metric hands-on exercises represent real-world design scenarios.

## Prerequisites:

Students should have completed the Revit Architecture Fundamentals course or have equivalent experience using Revit Architecture. Architectural design, drafting or engineering experience is also highly recommended. It is also recommended that the student have a working knowledge of Microsoft Windows XP or Microsoft Windows 2000

## Objectives:

The primary objective of this courseware is to teach students the powerful tools and advanced techniques for creating complex designs and professional looking renderings, creating and customizing objects, and collaborating on designs with other team members using Revit Architecture.

## Course Outline:

### Building Site Tools

- Importing Vector and Raster Data
- Linking Projects
- Site Plans and Topo Surfaces
- Working with Site Tools and Site Components

### Advanced Rendering Techniques

- Creating a Rendered Image
- Creating Realistic Presentations
- Rendering Interiors

### Phasing and Design Options

- Designing in Phases
- Using Design Options

### Extracting Information

- IFC and ODBC Databases Export
- Running and Interference Check

## 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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## Building Site Tools

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## Parametric Components

- Creating and Using In-Place Families
- Creating and Modifying Parametric Families
- Creating Nested Families
- Using Component Groupings

## Creating Custom Designs

- Creating Complex Roofs
- Creating Complex Stairs
- Creating Structural Systems

## Autodesk Revit Worksharing

- Managing Project Sharing with Worksheets
- Managing Workset and Multiple Users
- Managing Revisions

## Construction Documentation

- Working with Rooms
- Working with Legends and Keynotes

## Importing, Exporting, and Linking Files

- Importing and Exporting
- Working with Revit Architecture Linked Files

## Design and Analysis

- Project Collaboration
- Sun Studies

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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**

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