

Pre-Design in Revit Architecture



Duration | 1 Day

Description:

Revit Architecture offers an amazing set of tools to be used in preliminary design. Pre-Design is concerned with Massing, proportion and form of the building- Revit helps the designer track square footages of multiple structures. Space allocation, adjacencies, and program requirements shape the project- Revit helps keep all this data manageable. Take advantage of Revit Architecture in Pre-design! Learn how to create a mass and turn it into a fully functioning building project.

Prerequisites:

Participants must have a strong understanding of the fundamentals of Revit Architecture.

Objectives:

The primary objective of this course is to learn how to use Revit Architecture for programming and preliminary design. Class participants will create generic forms and then assign building elements to them as the class progresses. We will also learn how to use Revit Architecture to immediately calculate areas and square footage differences.

Course Outline:

Conceptual Design

- New Conceptual Design Tools
- Adding parametrics to Early Design Massing
- Loading Conceptual Designs into your Project File
- Adding Levels
- Calculating Square footages
 - Multiple Buildings
 - Areas within Buildings
- Creating Walls, Floors and Roofs

Programming Spaces

- Inserting your building program into Revit
- Assigning programmed spaces to the Revit Model
- Setting up Custom Schedules
 - Target Square Footage
 - Actual Square Footage
- Creating Custom Room Tags to report schedule data

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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Defining Rooms

- Creating Rooms with Custom Parameters
 - Room Use, Room Type, Department, etc.
- Moving/ Changing/ Working with rooms to hit Target Square Footages

Presenting your design

- Furniture Layouts
- Grouping—Unit Plans, Space Types, Requirements
- Color Schemes based on any parameter
 - Room Use, Room Type, Department, etc.
- Open 3D Plans and Elevations

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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