

Learning Revit Structure 2010



Duration | 3 Days

AIA HRS | 24 HRS

Training Facilities

Virginia Beach, VA
Richmond, VA
Roanoke, VA

Description:

This guide covers the basics of Autodesk Revit® Structure 2010. Users are introduced to the concepts of Building Information Modeling and the tools for parametric design, analysis, and documentation. They learn the fundamental features of Autodesk Revit Structure, learn to use the 3D parametric design tools for creating and analyzing a project, and finish with construction documentation and design visualization

This guide offers both imperial and metric hands-on exercises representing real-world architectural design scenarios.

Prerequisites:

No previous CAD experience is necessary. However, structural design, drafting, or engineering experience is highly recommended. It is also recommended that the student have a working knowledge of Microsoft® Windows® XP, Microsoft® Windows® 2000, or Microsoft® NT 4.0.

Learning Units/Hours: 24 Hours

Objectives:

To teach users the concepts of Building Information Modeling and introduce the tools for parametric design, analysis, and documentation using Autodesk Revit Structure. Users will be able to complete their first Autodesk Revit Structure project after completing this class.

Course Outline:

Building Information Modeling

- Building Information Modeling

Revit Structure Basics

- Exploring the User Interface
- Working with Structural Elements and Families

Viewing the Structural Model

- Working with Views
- Controlling Object Visibility
- Working with Elevation and Section Views
- Working with 3D Views

Inlet Technology

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Autodesk®
Authorized Training Center

Visit www.InletTechnology.com for a complete class schedule and list of other services or call our Training Department at 757.496.2323

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Starting a New Project

- Setting Up a Project
- Adding and Modifying Levels
- Adding and Modifying Grids

Creating Structural Columns and Walls

- Working with Structural Columns
- Working with Structural Walls

Creating Frames

- Adding Floor Framing
- Working with Beams and Beam Systems
- Working with Structural Steel Frames
- Working with Structural Concrete Beams

Creating Slabs and Roofs

- Adding Slabs
- Creating Roofs

Creating Foundations

- Adding Foundations

Stairs and Ramps

- Creating Stairs
- Creating Ramps

Creating Plan Annotations and Schedules

- Adding Tags
- Adding Dimensions, Symbols, and Text
- Creating Legends
- Working with Schedules

Creating Sections and Details

- Adding Structural Wall Sections and Reinforcement
- Adding Detail Lines and Detail Groups
- Importing Typical DWG Details
- Adding Concrete Detail Components
- Creating and Modifying Steel Details

Creating Construction Documentation

- Creating Sheets and Titleblocks
- Printing Sheets
- Exporting Content to CAD formats

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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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