

Leveraging Revit Structure for Analysis and Design



Duration | 1 Day

Description:

Your Revit Structure project files contain a wealth of computable data that you can leverage for structural analysis and design. By effectively harnessing and using this information, you can streamline your analysis and design process, minimize design errors, be more responsive to design changes and be better prepared to evaluate design alternatives. In this one day course, you will gain insight on different approaches for using your Revit Structure project file for analysis and design and updating your construction documentation with the design results.

Prerequisites:

This course is for structural engineers who have completed the Revit Structure Fundamentals class.

Objectives:

The primary objective of this course is to teach structural engineers various approaches for using Revit Structure as part of their structural analysis and design workflow. Upon completion of this course, the student will have the basic knowledge required to completely define their analytical data in Revit Structure and integrate this data model with an analysis and design application.

Note:

This course will use Autodesk Robot Structural Analysis for the structural analysis and design of the Revit Structure analytical data. Students can apply the concepts learned in this course using Robot Structural Analysis to their specific analysis and design application.

Course Outline:

- Understanding the Relationship between the Revit Structure Physical and Analytical Models
- Adjusting the Analytical Model
- Applying Loads
- Embedding Data for Predesigned Assemblies
- Leveraging External Design Data
- Using Revit Extension to Analyze and Design Discreet structural Elements and Systems
- Exporting the Revit Structure Analytical Data for Analysis and Design

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

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