

Duration | 2 Days

Description:

This course is for General Contractors to learn the concepts of Building Information Modeling (BIM) for the purpose of gaining a competitive advantage or who are involved in projects utilizing BIM. This course is taught with Contractors as the main focus with respect to why it is important to model, what information can be utilized and how it effects the construction process.

This course serves as a prerequisite for learning more advanced Building Information Modeling and Revit Architecture concepts.

Prerequisites:

It is required that the students have a working knowledge of Microsoft Windows.

Objectives:

To familiarize General Contractors with Revit Architecture and Navisworks as a tool for the construction process. This includes models provided by Architects as well as Contractors practicing construction based BIM.

After completing this course, students will be able to:

- Understand the difference between an Architect's BIM model and Contractor's BIM model.
- Utilize the Revit tools that apply to building construction processes.
- Understand the workflow required for a construction based Revit model.
- Utilize Revit to gather construction based information from the Revit model.
- Utilize Navisworks to coordinate Revit models from multiple disciplines for construction planning purposes.

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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Course Outline:

Day 1 - Revit Architecture

- Building Information Modeling Overview
- User Interface and Common Tools
- Viewing the Building Model
- Working with Revit Elements
- Creating and Managing Views
- Creating and Modifying Schedules
- Creating Material Takeoffs
- Area Schemes and Area Scheduling
- Interference Checking
- Coordination Review
- Worksharing

Day 2 - Navisworks

- Overview of User Interface
- Combining 3D CAD files from various disciplines to create a single project model
- Learn to use the essential navigation modes to explore the model
- Interrogate property information and utilize this to create intelligent, dynamic groups
- Use viewpoints to communicate your design intent
- Apply materials, lighting and backgrounds to create a near real rendering
- Check the model for cross-discipline interferences
- Create a simple 4D construction simulation

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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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