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Autodesk NavisWorks Essentials

- Tuition: \$995.00/per person
- Prerequisite: Working knowledge of 3D design and task scheduling software
- Available times: 2 days, 9:00am-5:00pm; 4 mornings, 9:00am-1:00pm; 4 late afternoons

Objective:

This course introduces you to the essentials of Autodesk NavisWorks 2010.

Topics include:

Autodesk NavisWorks software consists of four products to help you and your extended teams experience enhanced control, confident collaboration, and reliable information aggregation on even your most complex projects. We will discuss the essential topics for each of the modules that come with the complete Autodesk NavisWorks Manage product.

- Autodesk® NavisWorks® Manage
- Autodesk® NavisWorks® Simulate
- Autodesk® NavisWorks® Review
- Autodesk® NavisWorks® Freedom

In the course we will discuss the process for combining the high-quality information created by BIM applications such as Revit®-based software, AutoCAD Architecture and AutoCAD MEP, as well as geometry and data from other design tools, Autodesk NavisWorks products enable a real-time, whole-project view for effective 3D coordination, 4D planning, photorealistic visualization, dynamic simulation, and accurate analysis.

Design and construction management professionals will learn advanced analysis and coordination of 3D models. Design data created in building information modeling (BIM) applications such as the Revit® family of products can be combined with geometry and information from other design tools and reviewed as an entire project, regardless of file size or format. Early fault prediction and error recognition help prevent later, more costly, miscalculations. NavisWorks Manage combines precise fault-finding analysis of interferences together with dynamic 4D simulation of project schedules and photorealistic visualization.

Further topics include but not limited to the following;

Autodesk®

Premier Solutions Provider
Building Architecture

Autodesk®

Authorized Infrastructure Reseller

Autodesk®

Authorized Value Added Reseller

Autodesk®

Authorized Training Center



registered AIA provider

Roamer

Opening & Appending; Supported File Types
Toolbars
Navigation
NWF & NWD (Differences/Definitions)
Selection Tree & Resolution; Moving
Selections
Selection Sets
Finding Items
Overriding Color & Transparency
Viewpoints
Adding
Editing
Exporting
Comments
Redlining
Animations
Recording
Interpolating
Combining
Exporting
Sectioning
Hyperlinks
Measuring
Lighting/Rendering

Presenter

Applying Materials
Editing Attributes
Lighting
Editing Attributes
Creating Backgrounds
RPC's

Publisher

File Size Compression
Information Popup box
Retains viewpoints w/Redlining
Retains Hyperlinks
Retains Database Properties
Retains Textures/Materials
Shared/Communicated via Freedom

Clash Detective

Quick Hard Clash
Hard/Clearance differences
Tolerances
Setting up Batch Clashes
Rules Tab
Results Tab
Status/Clash Point/Notes
Display Options
Report Tab
Type/Format/Contents

Timeliner

Attaching a Schedule
Link Options Menu
Tasks Tab
Manually adding Tasks
Start/End
Planned Start/End
Status
Attached
Type
Configure Tab
Rules Tab
Creating New Rules (Using Selection Sets)
Simulate Tab
Settings
Link to Clash Detective

Freedom

What functionality is available in Freedom?
Navigation
Third Person
Hyperlinks
Viewpoints/Animations