

NAVISWORKS® ESSENTIALS

ONLINE COURSE OUTLINE



Solutions Store



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Learn how to unite, review, and share your 3D design models from multiple formats - saving you from RFI's and collision issues. This hands-on one day class will teach you how to open and append 3D files of different formats for project review, perform visual project model approval, and perform interference detection tests between 3D files of different disciplines and much more.

Prerequisite: A working knowledge of Microsoft Windows is recommended.

Course Length: 1 day

Getting Started With Navisworks

- Interface overview
- Walking and flying through the model
- Appending and importing model files
- Publishing aggregated model files
- Selecting objects in models

3D Model Review

- Saving viewpoints
- Object properties
- Measuring and moving model objects
- Redlining and adding comments

Navisworks Freedom

- Comparing Navisworks Manage and Freedom features/workflows

3D Model Review

- Sectioning the model
- Comparing changes in a model

4D Simulations - TimeLiner

- Simulating construction over time
- Creating tasks
- Importing tasks
- Customizing a simulation

Animations

- Saving camera viewpoints
- Creating a walkthrough animation
- Controlling scene playback

Clash Detection

- Conducting interference tests
- Viewing clash test results
- Rerunning saved clash tests
- Time-based clash tests
- Creating a clash report

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