

Autodesk Navisworks – Advanced

Autodesk Navisworks enables designers and construction managers to unite CAD and BIM data within a single model for virtual design and construction tasks, including clash detection, 4D planning and analysis, and creating animated visualizations that show construction phasing.

After completing this course, students will be able to confidently use the Navisworks Clash Detective, TimeLiner, Animator, Scripter, and Presenter tools to create, analyze, and animate models for coordinating designs across a variety of disciplines.

Who should attend?

This is an intermediate / advanced course for architects, engineers, and construction managers who are comfortable Navisworks users.

Prerequisites

Working knowledge of either building information modeling (BIM) or model - based design is recommended. Prior experience using Navisworks is needed any type of scheduling software is also recommended. Students should also have a working knowledge of the Microsoft Windows environment.

Questions?

Please call us at 800-336-3375.

Course Outline

File Organization

- Creating & Applying Import Templates
- Search & Selection Sets
- Quick Properties

Project Automation

- Working with Batch Utility
- Setting Up the Appearance Profiler
- Working with Scripter

Working with Databases

- Connecting with the Data Tools Function
- Connecting Timeline to External Data Sources

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Project Workflows

- Working with BIM 360 Glue & BIM 360 Field
- Adding Custom Properties
- Coordination & Clash Workflows

Presenting the Models

- Combining Animator & TimeLiner
- Working with Events & Actions