



Navisworks Manage ESSENTIALS

Course Length:

16 Hours

Overview:

This course is designed for new to intermediate users of Autodesk Navisworks for navigation, clash detection and 4D simulation.

Learning Objectives:

To understand the concepts of Building Information Modeling and how to use Autodesk Navisworks for review and coordination.

Prerequisites:

It is recommended to have basic knowledge of project review and management, and be familiar with the latest versions of Microsoft Windows operating systems. Experience with 3D modelling software is not required but will be an advantage.

Acquisition:

Trainees will get a training manual and an industry recognized Certificate of Completion.

Notes:

The course is a detailed guideline. The training will go through detailed commands, workflows, and best practices that can be used in Autodesk Navisworks.

Course Description:

This training will tackle on project review and management. Navisworks is one of the most powerful tools for reviewing, interference checking, and 4D simulation. It will be shown in this course how 3D models can be integrated and reviewed in this platform.

Topics Covered:**Getting Started**

- Building Information Modeling
- User Interface
- Options
- Workspaces
- Opening and Appending Files
- Publishing Files
- Navigation Wheels

Reviewer - Publisher

- Selection Tree and Selecting Objects
- Highlighting Options
- Object Properties
- Selection Sets
- Measuring Objects
- Viewpoints
- Animations
- Smart Tags
- Sectioning

Timeliner

- Create Task Manually
- External Scheduling Software
- Simulation Playback
- Configuring the Simulation
- Export Simulation

Clash Detection

- Clash Detective Interface
- Clash Settings
- Clash Reports and Results
- Switchback with Clash

Quantification

- Quantification User Interface
- Project Setup
- Perform Model Take-off
- Perform Virtual Take-off
- Manage Take-off
- Update and Analyze Data

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