

NW101: Navisworks in a BIM Workflow

Course Length 2 Full Days or 4 Sessions

Schedule **2 Full Days**

9:00am - 4:00pm ET

Morning - 4 Sessions

9:00am - 12:00pm ET

Afternoon - 4 Sessions

1:00pm - 4:00pm ET

Evening - 4 Sessions

5:00pm - 8:00pm ET

Course Price \$895 per person
(group rates available)

Designed for

This course is designed for new and experienced Navisworks users who are looking to become more familiar with the main tools in Navisworks Manage.

Prerequisites

It is recommended that students have a working knowledge of 3D design and task-scheduling software.

What you get

Students will get classroom access to the software and Autodesk Authorized Training courseware (these can be purchased in addition to the training) and the knowledge to get started with Navisworks.

Notes

The course length is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the students.

All courses will be taught on the most current release, depending on availability of courseware.

Course Plan

The Navisworks in a BIM Workflow course teaches you how to better predict project outcomes, reduce conflicts and changes, and achieve lower project risk using the Navisworks Manage software.

During this course, you will learn how to consolidate civil, architectural, structural, and MEP models into one BIM model. Starting with a Civil 3D drawing file, you will append various Revit and Inventor models and check for conflicts. You will also use review and markup tools for communicating issues across disciplines. By the end of the course, you will use TimeLiner, Animator, and Clash Detective to simulate construction and find constructability issues and on-site clashes.

Topics Covered

- Navigating the Navisworks workspace and interface.
- Creating a composite model.
- Transforming models for proper alignment.
- Using basic viewing tools.
- Sectioning a model.
- Investigating properties.
- Searching for, hiding, and unhiding items.
- Measuring a model.
- Adding tags and comments to model components.
- Marking up and redlining the model.
- Animate a model.
- Reviewing a model for clashes.
- Consolidating redlines from other team members.
- Creating and animating a construction timeline.

For more information, please contact our main office:

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