

Navisworks in a BIM Workflow

Course Description

This two day hands-on course will help you understand how to use Autodesk Navisworks to support the key BIM Uses Cases of Coordination and Clash Detection. It introduces useful third party plugins to aid your use of protocols like IFC and BCF to improve the collaboration between key project team members. It will also help you reduce design errors prior to the construction phase of a project.

The course will not only cover best practices with regards to clash detection, it will also show you how to redline and animate models as well as create construction timelines.



Prerequisites

A working knowledge of 3D design is desirable, preferably Revit software.

BIM Coordination



bim  **ready**™

Topics Include

- ❑ Understanding BIM within Navisworks
- ❑ Consolidating Models
- ❑ Navigating the Workspace & Interface
- ❑ Creating a Composite Model
- ❑ Transforming Models for Proper Alignment
- ❑ Review and Analyze Models
- ❑ Saving and Retrieving Views
- ❑ Sectioning, Measuring and Animating a Model
- ❑ Investigating Properties
- ❑ Adding Tags and Comments
- ❑ Marking up and Redlining the Model
- ❑ Searching for, Hiding and Unhiding Items
- ❑ Collaboration
- ❑ Creating and Animating a Construction Timeline
- ❑ Useful Plugins for Navisworks and BIM
- ❑ Reviewing a Model for Clashes
- ❑ Using Basic Viewing Tools



Course Duration: 2 Days

Next Step: A Bespoke Course