

# Autodesk® Navisworks® 2024 Level I

## Clash Coordination

► **Length**  
1 Day

► **Cost**  
\$400 per person  
(Dedicated group rates available)

► **Level**  
Beginner

► **Prerequisites**  
General computer and Windows experience. Basic knowledge of AutoCAD and Revit is recommended but not required.

► **Who Can Benefit From This Class**  
Design and construction professionals working in a BIM environment requiring coordination and visualization.

► **Hours**  
9:00am - 4:30pm EST  
with an hour lunch break

► **Additional Information**  
This class comes with a 100% Satisfaction Guarantee, provides AIA/CES Continuing Education Credits (CEUs), and each student receives a certificate of completion. Please see our website for more information.

### DESCRIPTION

One aspect of Building Information Modeling (BIM) that is widely implemented by both design and construction professionals is clash coordination. However, many efforts are hampered by misaligned models, imprecise clash reports, and the inability to review clash results efficiently. To ensure a successful outcome, thoughtful planning is needed to consider factors that span across the phases of a project's development, as well as across multiple BIM applications.

This one-day class is designed for those using Navisworks® Manage to assemble Revit and AutoCAD based files into a single federated model for clash coordination.

### CONTENT

#### Getting Started

Product and Workspace Overview  
Opening and Appending Files  
Saving, Merging, and Refreshing Files

#### Prepping Revit Files

Setting Up Project Location  
Export to NWC Format

#### Prepping AutoCAD Files

Export to DWG Format from Revit  
UCS vs Revit Project/True North  
Export to NWC Format

#### 3D Model Review

Navigation  
Selection Tree and Selecting Objects  
Hiding Objects and Overriding Materials  
Measuring and Moving Objects  
Search Sets  
Viewpoints and Sectioning  
Markups

#### Clash Detective

Selecting Items to be Clashed  
Clash Test Settings, Rules, Reporting  
Audit Checks  
Export and Import Clash Tests

#### Sharing Files

Save to NWD  
Comparing NWD Models

### LEARNING PATH

**Prerequisites**  
No previous course required



**This Class**



**Future Training**  
Revit Level I: Architecture  
Revit Level I: Structure  
Revit Level I: MEP