CADD MICROSYSTEMS

Autodesk® Navisworks® 2022 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