Autodesk® Navisworks Manage™ - Fundamentals

Brief Synopsis of Class Contents:

The Navisworks online class covers the basic functions of Autodesk Navisworks. Students will be introduced to the concepts of Navisworks model exploration, 3D model navigation, clash detection, timeline simulation, and walkthroughs visualization.

Learning Objectives:

- Become familiar with the navigation functions of Navisworks
- Understand the relationship between the 3D authoring tool and Navisworks validation tools
- Learn how to setup views for camera Animation
- Compare Selection Sets versus Search Sets
- Build a comfort level using Clash Detection
- Understanding of the process for Timeline sequencing & Phasing

Courseware:

Ascent Official Training Courseware:
Autodesk Navisworks Essentials

Number of Days:
3 Half Day Sessions

Continuing Education Hours:
10.5 hours

Who Should Attend:
All new users of Navisworks

Prerequisites:
Basic Computer skills

System and Software Requirements:
http://www.asti.com/LiveLab-Learning-amp-Training/LiveLab-System-Requirements

FAQs and Cancellation Policy:
http://www.asti.com/LiveLab-Learning-amp-Training/LiveLab-FAQS
Class Outline and Topics:

**Introduction**
- Overview
- Workspaces
- Navisworks Options
- Opening, Appending & Merging Files
- File Types, Saving, Exporting and Publishing Projects
- Navigation Tools, Viewpoints, Object Properties
- Selection Tree and Selection Sets
- Object Selection, hiding and un-hiding
- Enable Sectioning (plane and section box)
- Model Review: Measuring, Tagging, Comments and Redlining
- Exporting NWD files for archiving and Freedom Viewer

**Animator**
- Creating an Camera Animation
- Manipulating views, Animation Edit
- Exporting Animation videos

**Clash Detection**
- Creating Search Sets
- Clash Detection Setup
- Creating and Exporting Clash Tests
- Setting Rules, Selecting Search Sets, Setting Tolerances
- Running Tests & Analyzing Clash Results
- Exporting Clash Reports (HTML Tabular format)
**Timeliner**

- Opening and running a Timeline Simulation
- Creating Search Sets
- Establishing Tasks
- Assigning Tasks to model elements
- Linking Project Schedules
- Configuring Tasks Types
- Analyzing the Gantt View
- Timeliner Simulation Settings
- Exporting a Timeliner Animation