



A course for beginners covering the fundamentals for anyone wanting to learn the wide range of tools and applications available within Navisworks Manage.

Navisworks is the leading project review software used by AEC professionals. Covering all aspects of the Navisworks Manage product we look at model aggregation and how stakeholders navigate through the integrated model, perform sophisticated renders, construction simulations, clash detection tests and material take-off's. Each module is a self-contained unit, with notes accompanying the lectures and hands-on exercise scripts to reinforce many lessons and help the delegate through the training course and beyond into working practice.



Course Outline

INTRODUCTION

- What is BIM?
- The benefits of BIM
- Industry drivers
- BIM terminology and principles
- Implications of adopting BIM

USER INTERFACE TOUR

- Exploring the User Interface (UI)
- Using the Commands
- Toolbars and Tooltips
- Navigation Bar
- Other Useful Terminology

COMPILING AND MANAGING A PROJECT

- Appearance & Performance Options
- Native file types
- Appending files
- Appearance profiler
- Working with files

EXPLORING THE MODEL

- Navigating a scene
- Controlling the realism
- Controlling model appearance
- Controlling render quality

REVIEWING AND REDLINING

LINKS AND SWITCH BACK

- Interactive geometry
- Find and compare objects
- Manipulate and transform objects
- Measure tools
- Redlining, comments and tags
- Links to objects
- SwitchBack

VIEW POINTS, SECTIONING & ANIMATION

- Using viewpoints
- Sectioning planes and boxes
- Viewpoint animations
- Interactive animations
- Create & export to video or slideshow

RENDERING

- Overview
- Materials
- Material mapping
- Lights
- Sun, Exposure and Environment
- Settings and Quality
- Save and Export

SIMULATION AND TIMELINER

- Tasks
- Data Sources
- Configure
- Simulate
- Rules
- Settings

CLASH DETECTION

- Selections
- Rules
- Results
- Reports
- Settings

Course outline is subjected to minor changes as per class and trainees requirements.

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