

BOM and Estimating with Navisworks

Autodesk Navisworks enables users to unite PDF, CAD and BIM data within a single model for virtual design and construction tasks, including clash detection, 4D planning and analysis, creating animated visualizations that show construction phasing, and creating quantities and estimates.

In this class, we will go through the process of creating quantifications in Navisworks to review workflows and common practices with its QTO features. Examples will include be based on projects from schematic design through construction documents to better review all aspects of this tool.

Who should attend?

Navisworks users who want to take advantage of its quantification tools with their 3D and 2D BIM and CAD documentation.

Prerequisites

It's recommended that students have a basic understanding of Navisworks but it is not necessary that they have taken an essentials course beforehand. Students should have a working knowledge of the Microsoft Windows environment.

Questions?

Please call us at 800-336-3375.

Course Outline

Getting Started

- Understanding what Navisworks QTO is & How it Works
- What QTO Can & Cannot Do

Workflows & General Terms

- Navisworks File Setup
- DWF Examples
- PDF Examples
- Review of Business Target

Creating & Setup of Project

- Setting up a Project
- Setting up a Workbook
- Setting up Resources
- Discuss SD, DD, and CD Level of QTO
- Working with the Project

BOM and Estimating with Navisworks

Quantification Tools

- Using the 3D Model
- Coloring Schemes with QTO
- Importing PDFs/DWF for 2D Quantification
- 2D Quantification Tools

Exporting

- Exporting to Excel
- Reviewing Excel Data