

Estimation & Quantity Takeoffs Training

Length:	8 hours
Level:	Intermediate
Prerequisites:	Bluebeam Revu Essentials or equivalent experience using Bluebeam Revu
Delivery:	On-Site or Virtual

DESCRIPTION

The importance of accurate estimations & quantity takeoffs on a construction project cannot be overstated. This class focuses on the tools within Bluebeam Revu that can be used to establish an environment for performing these tasks and making use of the various data collected.

CONTENT

Establishing an Accurate Scale

- Two-Point Calibration
- Selectable & Custom Scale Values
- Alternative Scale Viewports

Measurement Tools

- Understanding the Different Types of Markups
 - Lines –vs– Length
 - Polygons –vs– Area and Volume Tools
 - Polylines –vs– PolyLength and Perimeter Tools
- Subtracting Cut Outs
- Adjusting for Rise & Drop
- Adjusting for Slope
- Detachable Totals Panel
- Dynamic Fill

Tool Sets

- Creating & Managing Tool Sets
- Creating Customized Measurement Markups
- Importance of Subject & Label for Custom Columns
- Dynamic Fill using Customized Measurement Markups
- Display Modes: Symbol –vs– Detail
- Placement Modes: Drawing –vs– Properties

Counting Items

- Creating Count Markups
 - Created Markups
 - Captured Markups
- Placing Count Markups
- Controlling Count Markup Groups
 - Resume, Merge & Split Item Counts
- Dynamic Legends

Searching

- Textual –vs– Visual Searching Methods
- Applying Custom Count Markups to Visual Search Results
- Lock and Unlock Search Results

Spaces

- Creating Named Spaces
- Highlighting & Editing Spaces
- Creating Area Measurements from Spaces
- Revit Rooms to Bluebeam Spaces & Area Measurements
- Impact of Spaces on Measurement & Count Markups

Markups List

- Controlling the Column Display
- Creating Custom Columns
 - Custom Columns with Text Values
 - Custom Columns with Numeric Values
 - Custom Columns with Date Values
 - Custom Columns with User Selectable “Pick Lists”
 - Custom Columns with Mathematic Formulas
- Applying Custom Columns to the Markup List
- Markup Replies
- Status Condition Column
- Checkmark Column
- Sorting Column Data
- Filtering Column Data

Sharing Data & Reporting

- Exporting & Importing All Markups
- Exporting Markups by Layer
- Exporting Markup Summary Reports
- Linking Quantities & Calculations to Microsoft Excel