



Getting Started with QSCadv4 Siteworks – Syllabus

Introducing QSCadv4 Siteworks

- The Concept of QSCad Siteworks
- The Siteworks Ribbon

Working with Levels – Part I

- Entering Levels – The Principles
- Minimum and Maximum Values
- Entering Single Levels Using Spot Heights
 - Selecting the Level Type
 - Selecting Levels
 - Entering Levels
 - Calculating Levels
 - Interpolating Levels
 - Deleting Levels
 - Editing Levels
- Importing Levels
 - From a Layer
 - From a File
- Entering Multiple Levels using Contours
 - Importing Contours
 - Drawing Contours
- Using Defined Areas
 - An Introduction
 - An area in which a single level or depth applies
 - An area in which a certain feature exists

Entering Existing Site Details

- Introduction
- Entering Existing Levels
 - Importing Levels
 - Importing or Drawing Contours
 - Entering Levels Manually
 - Using Defined Areas
- Checking Level Information
- Entering Topsoil Depths
- Entering Water Table Levels
- Entering Rock Levels
- Entering Minimum Site Strip Depths
- Entering Breaking Up Depths
- Checking Level Information (Again)

Working with the QSCad Siteworks Interface

- Introduction
- The Level Type Dropdown Menu
- The Summary View Pane in Siteworks

Working with Levels – Part 2

- Introduction
- Editing Levels
- Deleting Levels
- Moving Levels
- Copying Levels
- Copying & Adjusting Levels
- Adjusting Levels

The Proposed Construction Details

- Construction Buildups – An Introduction
- Construction Buildups – Creating and Editing
 - An Introduction
 - Creating a Construction Buildup
 - Creating a Construction Buildup Library
 - Adding Construction Buildups to a Library
 - Importing Construction Buildups from a Library
 - Editing Construction Buildups
 - Deleting Construction Buildups

The Proposed Construction Measurement

- Entering Proposed Levels – The Principles
- Measuring Siteworks Areas – Part 1
 - Entering Proposed Levels
 - As part of the measurement process
 - Prior to the measurement of any Siteworks areas
 - After all measurement is complete
- Measuring Siteworks Areas – Part 2
- Editing Proposed Levels
- Deleting Proposed Levels

Results

- The Siteworks Summary
- The Draft BQ
- Visual Bills
- Exporting Results to Excel
- Transferring Results to MBElite
- Printing Results
- Level Information (Again)
- Area Information
- Live Results

Graphical Display

- Show Cut & Fill
- Cross Section
- Levels Grid

Amending Siteworks Measurements

- Amending Individual Areas
- Amending Multiple Areas
- Switching Construction Buildups
- Amending Construction Buildups – Basic Properties
- Amending Construction Buildups – Construction Buildup Details
- Amending the Siteworks Area Shape
- Using Filters with Siteworks Areas
- Assigning Masterbill Elite Parts and Elements to Siteworks Areas
- Recalculating Siteworks

Working with Drawing Revisions

Adding a New Revision and Copying Measurements

Re-using Measurements in another Drawing and/or another Project

Alternative Measurement Approaches

Working with Separate Existing and Proposed Drawings

Adopting a Two Stage Process

Measuring Steeply Sloping Surfaces

Soil Balancing

Considering Alternatives or 'What If's?'

Further Information and Training

The Masterbill Website

Telephone Support

Email Support

Bespoke Online Training

Other Masterbill Academy Courses