



# Using Quantity Takeoff and Linked Models in Revit to Estimate a Project as the Design Changes

Kevin R. Miller, Brigham Young University  
Scott Davis & TJ Vadney Autodesk

# Class Summary

This class demonstrates how to use Autodesk Quantity Takeoff software to estimate a project during early design. You will learn how to take advantage of intelligent model-linked workflows from Autodesk Revit software and how to perform estimate updates as the project design progresses.

# Learning Objectives

At the end of this class, you will be able to:

- Use Quantity Takeoff to create estimates during various stages of the design
- List the benefits of using Quantity Takeoff to generate estimates from revised project documents
- Use Sage Estimating® to compare estimates among several design iterations

# **CR2481 - Using Autodesk® Quantity Takeoff and Linked Models in Autodesk® Revit® to Estimate a Project as the Design Changes**

# First Step

- Create a new Revit file and linked other models to the new file.
- Create Parts in the Linked model.
- Export a DWF file to QTO.
- Perform takeoff in QTO.
- Export from QTO to Sage Estimating.

## 2<sup>nd</sup> Step

- Alter the structural model that is linked.
- Linked file is updated.
- Adjust Parts in the Linked model.
- Export a DWF file to QTO.
- Perform takeoff in QTO.
- Export from QTO to Sage Estimating.
- Print comparison report in Sage Estimating.

# Questions ?

