MICRODESK

BIM to Structural Analysis --- Workflow Training

With Revit Structure, engineers and designers can integrate a multi-material physical model with an independently editable analytical model for structural analysis, design, and documentation. With Autodesk A360 and Robot, these models can be verified in the Cloud or in Analysis Software Robot Structural Analysis Professional. After completing this course students will be able to: manage structural analysis information within Revit and export it to relevant analysis software packages.

Who should attend?

This is a fast-paced course for experienced designers and engineers who currently use Revit Structure.

Prerequisites

Students should complete Revit Structure Essentials or have equivalent knowledge of the software prior to taking this class. Students should have a working knowledge of the Microsoft Windows (7, 8.1, or 10) environment.

Questions?

Please call us at 800-336-3375 and ask to speak to our Training Coordinator.

Note:

To receive your certification of completion from Autodesk for this course you must complete the online evaluation form at http://atcevaluation.autodesk.com/

Course Outline

Working with Revit's Modeling Tools

- Modeling Columns
- Modeling Beams
- Modeling Floors

Working with Revit's Analytical Tools

- Boundary Conditions
- Adding Loads and Load Cases
- Creating Load Combinations
- Adjusting Analytical Geometry

Linking to Analysis Tools

- Sending Models to the A360 Cloud
- Reviewing Results
- Adjusting the Model
- Linking to Structural Analysis Software