

360 Structural Analysis – Essentials

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, these models can be verified in the Cloud.

After completing this course students will be able to: manage structural analysis information within Revit and export that model to the cloud for static analysis.

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 environment.

Questions?

Please call us at 800-336-3375.

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

Autodesk 360 Cloud Analysis Tools

- Sending models to the Cloud
- Reviewing Results
- Adjusting the Model
- Linking to Structural Analysis Overview