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## TRAINING LOCATIONS

**Synergis EduCast** Virtual Online

Quakertown 18 South 5th Street Quakertown, PA 18951



## **Autodesk Revit Structure Essentials**

**Course Description:** This course covers the concepts and principles of creating 3D parametric models of structural buildings from engineering design through construction documentation. It introduces the Revit user interface and teaches basic building components, and the tools required to create, modify, analyze, and document a parametric model.

**Prerequisites:** Experience and knowledge in structural engineering and its terminology is highly recommended.

Length:	4 days
Times:	8:30 AM - 4:30 PM
PDH Credit Hours:	26 hours
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## **Representative Topics**

 Navigating the Revit workspace and Working with basic sketching and interface modifying tools Creating levels and grids as datum Understanding Revit families and elements for the model components Starting a structural project based on a • Creating a 3D building model linked architectural model Adding structural columns and walls Adding foundations and structural slabs Structural reinforcement Beams, trusses, and framing systems Analytical models and placing loads · Setting up sheets for plotting with text, dimensions, details, tags, and schedules

The suggested course duration is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the course participants. Cancellation/Rescheduling Fee of 25% of the Daily Rate per Student will be assessed for anyone canceling or rescheduling a Synergis Training Class without at least 14 days notice. If applicable, the Cancellation or Rescheduling Fee will be invoiced to you automatically. Classes are confirmed based on the number of students registered and therefore cancellations and rescheduling of classes may affect other customers. Please be sure that you can attend the class dates for which you are registering when you submit your order.