

Autodesk® Revit® Update

Brief Synopsis of Class Contents:

Autodesk® Revit® has several improvements and enhancements to prior versions. In this class you will learn what those new and improved features are and how to use them in your work.

This is an interactive class intended to introduce you only to the new and updated features relevant to your discipline and shared by multiple disciplines.

This class is intended for experienced Autodesk Revit users who are already familiar with its use and are ready to learn the latest features only.

Learning Objectives:

- Learn the new platform features.
- Learn the new Architectural enhancements
- Learn the new Structural engineering enhancements.
- Learn the new MEP enhancements.

Courseware:

Instructor Handout

Number of Days:

1 Half Day Session

Continuing Education Hours:

3.5 hours

Who Should Attend:

Architects, Designers, and Engineers

Prerequisites:

Current users with working knowledge of Revit.

System and Software Requirements:

<http://www.asti.com/LiveLab-Learning-amp-Training/LiveLab-System-Requirements>

FAQs and Cancellation Policy:

<http://www.asti.com/LiveLab-Learning-amp-Training/LiveLab-FAQS>

Class Outline and Topics:

Architectural and Platform Enhancements

- Depth Cueing
- Improved Railing hosts
- Autodesk® FormIt® 360 Converter
- Autodesk® Insight 360*
- Global parameter enhancements
- Improved software performance
- Autodesk® Raytracer rendering engine
- Text Editor and layout engine
- Calculate in annotation tags
- Dynamo graphical programming interface
- Tangency locks
- Schedule improvements

Structural Enhancements

- Reinforcement connectors
- Variable rebar distribution
- Graphical rebar constraints management
- Bent fabric sheets reinforcement
- Structural connectivity
- Autodesk® Steel Connections for Revit®
- Column split
- New Steel profiles catalogues
- Improved structural foundations

Mechanical, Electrical and Plumbing (MEP) design & fabrication Enhancements

- Design to Fabrication
- Optimize lengths
- Short segment optimization
- Route and Fill
- Trim and Extend
- Quick Connect
- Change type
- Slope control
- Fabrication model documentation
- Hanger improvements
- Electrical apparent load calculation options
- Design computation improvements
- Scalability improvements

