Revit Fundamentals - Architecture

SOLIDCAD
A SYMETRI COMPANY

General Information:

Duration: 4 days

Prerequisite: A basic understanding of architectural design & drafting

Courseware: Included

Achievement: Certificate Provincial Association of Architects Credits Eligible.

Locations: All courses are offered online, on-site, or in-person at SolidCAD training facilities across Canada, including:

Burnaby, BC
Calgary, AB
Edmonton, AB
Winnipeg, MB
Richmond Hill, ON
Montreal, QC
Quebec City, QC
Dartmouth, NS

Pricing, Registration & Scheduling: Please contact your account representative or our training coordinator at 1-877-438-2231 x227 or via email at training@solidcad.ca

Complete course listing: www.solidcad.ca/training

AUTODESK
Learning Partner

Course Description:

This course provides a foundation for AECO professionals in using Revit as a tool to facilitate Building Information Modeling (BIM).

This training program is designed to teach you the Autodesk Revit functionality as you would work with it throughout the design process. You begin by learning about the user interface and basic drawing, editing, and viewing tools. Then you learn design development tools including how to model walls, doors, windows, floors, ceilings, stairs and more. After completing this course, users will have a well-rounded knowledge of Revit Architecture, enabling them to complete a 3D BIM model and its corresponding construction documentation.

If you want to customize this course, SolidCAD's Technical Consultant will work with your team via a discovery meeting to ensure the following learning objectives align with your workflows and needs.

Learning Objectives:

- Understand the unique design process and concepts related to Revit and its application in BIM
- Use of the Autodesk Revit workspace and interface
- Selecting a template and linking CAD and Revit files as the basis of a project.
- Creating levels and grids as datum elements for the model
- Understanding Revit families and components
- Working with the basic sketching and modifying tools
- Creating a 3D building model with columns, walls, curtain walls, windows, and doors.
- Adding floors, ceilings, and roofs to the building model
- Modeling stairs, railings, and ramps.
- Setting up sheets for plotting with text, dimensions, details, tags, and schedules.
- Creating details.

Supplemental Learning:

Revit Intermediate, Advanced and Family Creation topics.