

Course Details:

Duration: 1-4 days

Prerequisite: Revit Fundamentals

Courseware: TBD based on topics selected

Achievement: Certificate

Provincial Association Credits Eligible

General Information:

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

Burnaby, BC
Calgary, AB
Edmonton, AB
Regina, SK
Winnipeg, MB
Richmond Hill, ON
Ottawa, ON
Montreal, QC
Quebec City, QC
Hanwell, NB
Halifax, 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

DESCRIPTION

This intermediate and advanced Revit training is designed to build on foundational skills and develop efficient workflows for modeling, documentation, coordination, and project delivery. Participants will explore advanced tools, best practices, and real-world applications that improve productivity, model accuracy, and collaboration across multidisciplinary teams.

As these topics will vary by discipline and based on the unique needs of your projects, SolidCAD will schedule a technical discovery meeting with one of our Technical Consultants to help customize a training program based on your needs.

POTENTIAL TOPICS

General:

- Set up Project Phasing to work with existing and new building components
- Understanding Project Coordinates and how project files link together
- Ensure project Coordination between consultants
- Create and detail Design Options within the project
- Understanding advanced Detailing methods
- Create and modify Model and Detail Groups
- Setup and utilize Issues and Revisions
- Using Keynotes for efficient noting in projects
- Creating and using Project, Shared, and Global Parameters
- Using Point Clouds to accurately capture existing conditions
- Unique methods of capturing project data with Schedules in depth
- Using Scope Boxes to constrain project views
- Applying View Filters and View Templates to show the project exactly as desired, repeatably
- Understanding Worksets and effective Collaboration with team members
- Generating and working with Assemblies
- Autodesk Assistant

Architecture/Interior Design/Residential/Landscape:

- Employing Conceptual Massing to quickly generate project forms
- Developing Curtain Wall in depth to accurately portray project glazing and paneling
- Generating effective Renderings, Walkthroughs
- Working with Parts and System Families (walls/floors/roofs) in depth
- Creating and Organizing Materials and Material Libraries
- Using Site Tools to effectively sculpt topography

Revit Intermediate & Advanced Topics

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- Creating and understanding Solar Studies
- Developing in depth Stairs and Railings
- Creating Planting Schedules

MEP:

- Create and use Duct/Pipe Types & System Types
- Understanding Mechanical and Electrical Settings
- Creating Panel Schedule Templates