

## Course Details:

**Duration:** 3 Days

**Prerequisite:** Knowledge of Curtain Wall design concepts

**Courseware:** Included

**Achievement:** Certificate

**Time:** 9:00 a.m. - 5:00 p.m.

## 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  
Toronto, ON  
Quebec City, QC  
Montreal, QC  
Hanwell, NB  
Halifax, NS

Alternatively, training can be conducted on-site for a specific client or at a 3rd party facility in any city or province

## Pricing, Registration &

**Scheduling:** Please contact our training coordinator at 1-877-438-2231 x227 or via email at [training@solidcad.ca](mailto:training@solidcad.ca)

## Complete course listing:

[www.solidcad.ca/training](http://www.solidcad.ca/training)

## Course Description:

Revit Architecture for Facades provides a foundation for manufacturers in the use of BIM software. This course explores fundamental curtain wall design concepts and leads the user through the basics of designing and modeling an intelligent, integrated building envelope system.

Students will learn the functions and practical applications of Revit while focusing on the specific workflow related to the design of a curtain-wall system. This program also covers topics related to the production of 2D plans, details, elevations, sections, schedules and 3D views, derived from the intelligent BIM model.

## Learning Objectives:

- Use of the Autodesk Revit workspace and interface
- Working with drawing and editing tools in Autodesk Revit
- Create Levels and Grids as datum elements from the Architect's models using Copy/Monitor
- Combine different techniques and components in order to create a functional curtain system
- Creating Revit Families for curtain wall and window wall elements
- Combine 2D CAD profile details to create smart Revit Mullion Families
- Creating curtain grids with wall panels and mullions
- Various means of dividing curtain walls for unique applications
- Creating schedules and tags
- Collaboration with Architects and other consultants
- Understand concepts of Worksets
- Work with Shared Coordinates
- Create a basic set of working drawings including drawing sheets of plans, details, elevations and sections from the Revit BIM model

## Supplemental Learning:

- Revit Dynamo Fundamentals
- Inventor for Curtain Wall