

# Robot Structural Analysis Introduction



## Course Details:

**Duration:** 2 Days

**Prerequisite:** Fundamentals of AutoCAD or Revit with understanding of Structural Analysis concepts

**Courseware:** Included

**Achievement:** Certificate

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

## General Information:

**Locations:** Courses are hosted at training facilities across Canada, including:

Burnaby, BC  
Calgary, AB  
Edmonton, AB  
Regina, SK  
Winnipeg, MB  
Vaughan, ON  
Etobicoke, 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:

The Robot Structural Analysis Introduction program is geared to new users who are familiar with analysis concepts but have never worked with the program before. It focuses on the user interface, layout, menus, setup tools, modeling, handling of loads, fundamental analysis and interpretation of analysis results.

Upon completion, participants will be able to use Robot as a 3D modelling tool for setting up and performing building analysis as well as its connection to Revit Structure.

## Learning Objectives:

- Introduction to Revit Structure & Robot Structural Analysis.
- Basic Drawing and Editing Tools
- Setting up Levels and Grids
- Starting a structural project
- Adding structural Columns and Walls
- Adding Foundations and structural slabs
- Beams and Framing Systems
- Preparing Revit Model Projects for Structural Analysis
- RC and Steel mixed Structure
- Performing Structural Analysis
- Understanding Analysis Results
- Integration of Autodesk Robot Structural Analysis with Revit® Structure

## Supplemental Learning:

- Autodesk Revit Structural
- Autodesk AutoCAD Advance Steel