

Course Details:

Duration: 1 Day

Prerequisite: Very strong knowledge of Revit

Courseware: Handout provided

Achievement: Certificate

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

OAA Credits: 7 Hours

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

Complete course listing:

www.solidcad.ca/training

Course Description:

You are not a programmer; you are an Engineer or other Design Professional. You need to take Revit to the next level of automation. This course will get you started in the world of computational design using Dynamo. By the end of the day you will be able to connect data from Revit to Excel, display Revit parameters in tags that were previously not available and utilize data for design verification. This program is a stepping stone to learning the Dynamo platform which offers many automation possibilities.

Learning Objectives:

- Dynamo Terminology
- Installing and Updating Dynamo
- Installing Custom Nodes and Packages
- Pre-made Custom Nodes, Code Blocks and Direct Shape
- List Management
- Math Functions and Lacing
- Introduction to Python
- Selecting Elements
- Getting and Setting Parameter Values
- Export Information to Excel
- Import Information from Excel
- Make Views and Sheets
- Check Design elements for design requirements

Example Graphs to be investigated:

- Creating Views with assigned View Templates
- Assigning Calculated Supply Airflows to Air Terminals
- Sizing Sanitary Piping based on Fixture Unit values
- Sizing Breakers based on circuit load
- Highlight elements with zero Pressure Drop

Supplemental Learning:

- Revit Family Creation