

# Advance Steel Fundamentals



## Course Details:

**Duration:** 4 Days

**Prerequisite:** An understanding of Structure terminology is an asset.

**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:

Autodesk Advance Steel is a purpose-built software for steel detailing industry. With country-based standards and tools for placing steel sections and generating documentation, this program is becoming a preferred product for the steel detailing industry around the world.

SolidCADs Advance Steel Fundamentals course empowers users to reap full benefits of the software. The users will create a complex steel model by placing beams, columns, connections, portal and gable frames, purlins, trusses, stairs, railings, bracing, and so on and then generate 2D documentation from the 3D model. This training program provides users with ample amount of practice time and hands-on experience. The included courseware contains "real-world-exercises" for the Structural and BIM industry.

## Learning Objectives:

- Introduction to Autodesk Advance Steel
- Inserting and Editing Structural Sections
- Inserting the Plates at Beam and Column - Beam Joints
- Inserting the Beam End to End, Platform Beam, and Purlin Joints
- Advanced Structural Elements - I
- Inserting the Plates at Beam and Column - Beam Joints
- Inserting the Beam End to End, Platform Beam, and Purlin Joints
- Advanced Structural Elements - II
- Inserting the Bracing, Tube, and Stair Joints
- Inserting Plates and Gratings, and Controlling the Object Visibility
- Working with Project Explorer and Model Browser
- Model Validation and Numbering
- Generating Drawings using the Drawing Processes
- Working with Drawing Styles, BOMs, and NC Files
- BIM Data Interoperability with Autodesk Revit