

## Course Details:

**Duration:** 2 Days

**Prerequisite:** AutoCAD Introduction and knowledge of mechanical drafting techniques

**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:

AutoCAD Mechanical Introduction teaches the fundamentals of AutoCAD Mechanical for the creation and customization of a typical mechanical detail drawing. By augmenting the standard AutoCAD commands, this course will quickly educate users on the creation of standard features, parts, symbols, mechanical dimensions, bills of materials, and drawing views of their 2D designs. After completing this course, users will have gained fundamental knowledge for using AutoCAD Mechanical to create mechanical designs faster and with less chance of error.

## Learning Objectives:

- Comfortably navigate AutoCAD Mechanical interface and menus
- Use of Standard Parts including fasteners, holes, steel sections, etc.
- Bill of Materials generation - Parts List, balloons
- Machine System Generators - springs, belts, chains, gears, etc.
- Working with Detailed Views and Auto-Dimensioning
- Create views, schedules and hole charts
- Configuration and customization of Standard Parts Library

## Supplemental Learning:

- Autodesk Fusion 360 – 3D modeling
- Autodesk Inventor Introduction
- Autodesk Inventor Intermediate
- Autodesk Inventor Design Automation
- Autodesk Inventor Sheet Metal
- Autodesk Inventor Tube and Pipe