

Course Details:

Duration: 1 Day

Prerequisite: Prior CAD experience is helpful but not required

Courseware: Online

Achievement: N/A

Time: 8:30 a.m. – 4:30 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
Montreal, QC
Quebec City, QC
Hanwell, NB
Halifax, NS

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:

Fusion 360 Quick Start-up training teaches the basic functionality of Autodesk Fusion 360 for first time users. In this course, users will learn how to create cloud based projects, cloud based data management, 2D sketches, 3D features, and assembly modeling techniques as well as associative detail drawings.

Upon the completion of training, users will be comfortable with the fundamentals of Fusion 360 for the ability to collaborate with other designers and to create 3D part and assembly models along with supporting 2D documentation.

Learning Objectives:

- Creating projects in the cloud.
- Loading files into projects and sharing designs with other designers.
- Zoom, rotate and view tools.
- Utilizing the ribbon.
- Sketch tools.
- Part features.
- Work features.
- Creating assemblies (top down design).
- Creating 2D parts and assembly drawings.
- Dimensioning.
- Drawing environment annotation tools.
- Collaboration: real-time design review and real-time communication.
- Rendering, editing material properties, and appearance.

Supplemental Learning:

- Fusion 360 Introduction:
 - BOM and parts list.
 - Adding & editing joins in assemblies.
 - Fusion Team web-based project review and data management.
 - Animation (animation of assembly process).
 - Free Form (sculpting design).
- Fusion 360 Advanced:
 - Simulation: Static Stress, Thermal, Modal Frequencies and Thermal Stress analysis.
 - CAM: 2-, 2.5-, and 3- axis machining.