Fusion 360 Introduction

SolidCAD
A Cansel Company

Course Details:

Duration: 3 Days

Prerequisite: Prior CAD experience is helpful but not required

Courseware: Online

Achievement: NA

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

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TRAINING CENTER

Course Description:

Fusion 360 introduction training teaches the 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, and assembly animation.

Upon the completion of training, users will be comfortable with the fundamentals of Fusion 360 and the ability to collaborate with other designers to create 3D parts 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.
- 2D Sketch tools.
- 3D Part features.
- Planes and 3D Work features.
- Creating assemblies (top down design).
- Adding & editing joints and constrains.
- Parametric design (adding parameters and equations).
- Import 2D design from AutoCAD.
- Free Form (sculpting) design.
- Creating 2D parts and assembly drawings.
- Dimensioning.
- Drawing environment annotation tools.
- Parts list and BOM.
- Collaboration: real-time design review and real-time communication.
- Fusion Team web based project review and data management.
- Rendering, editing material properties, and appearance.
- Animation (animation of assembly process) video creation.
- Drawings with exploded views.

Supplemental Learning:

- Fusion 360 Advanced:
  - Simulation: Static Stress, Thermal, Modal Frequencies and Thermal Stress analysis.
  - CAM: 2-, 2n5-, and 3- axis machining.