Inventor Intermediate

SolidCAD
A Cansel Company

Course Details:

Duration: 3 Days

Prerequisite: Inventor Introduction training or equivalent experience

Courseware: Included

Achievement: Certificate

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

AUTODESK
Authorized Training Center

Course Description:

Inventor Intermediate is a continuation of the Inventor Introduction program and is recommended for every Inventor user. With a more in-depth focus on productivity, this program explores essential functionality not covered at the introduction level. The additional functions and techniques will help users gain a better overall understanding of Inventor while improving their design efficiency.

Upon completion, users will have a comprehensive knowledge of Inventor.

Learning Objectives:

- Derived designs.
- Top-down design.
- Model Simplification.
- Assembly Substitutes.
- Representations: View, Position, and Level of Detail.
- Adaptive design: Overview, cross-part projections, adapt parts and features, and adaptive assemblies.
- Iparts, Iassembly and Model States
- Model-Based Definition (MBD): Adding annotations, GD&T, and other manufacturing information directly into a 3D part.
- Design accelerators: Bolted connection, shaft generator, bearing generator, and belt generators.
- BIM exchange to Revit.
- Shape Generator: Topology optimization using Generative Design.
- Frame design: Creating and modifying frames and custom profiles.
- Welded design: Creating and documenting weldments.
- Advanced bill of materials.
- Connected Design and collaboration with other

Supplemental Learning:

- Inventor for CAD Administrators.
- Inventor Advanced Part Design.
- Inventor Productivity.
- Inventor Sheet Metal.
- Inventor Simulation & Analysis.
- Inventor Design Automation.
- Inventor Tube & Pipe Design.
- Inventor Cable & Wire Harness.