

Autodesk Inventor Day 2 – Intermediate

1 Day 8:30am – 5pm

Prerequisites

- Working knowledge of Microsoft® Windows® operating system
- Familiarity with drafting practices
- Completion of Autodesk Inventor Day 1 – Introduction course

Summary

This course is a continuation of Autodesk Inventor Day 1 - Introduction. A set of instructor demonstrations and student exercises introduce intermediate-level tasks and workflows in Autodesk Inventor modeling environments.

The intended audience for this course is high school and post-secondary instructors who are considering or planning to implement Autodesk Inventor® into their curriculum.. The demonstrations and student exercises introduce intermediate-level part and assembly modeling concepts.

Objectives

After completing this course, the student should be able to:

- Create intermediate-level part modeling tasks using shared sketches, adaptive geometry, patterns, loft, sweep, and shell features.
- Use equations to create design relationships.
- Use the Design Accelerator to create functional parts.
- Create rendered model images.
- Do simple analysis of parts using FEA.

Note: Modeling in 3D requires a different approach than documenting a design using 2D CAD tools. The course will stress the different workflows and design approaches between the two systems.