

Autodesk Inventor Essentials – 2 Day**Overview**

The Autodesk Inventor 2013 Essentials course is designed for new users who require comprehensive training in Autodesk Inventor software. This hands-on foundation course covers the basic Autodesk Inventor features used to create, edit, document, and print parts or assemblies. Students learn about basic features by referencing print documentation and using real-world exercises.

This course is designed for students to learn the basics of mechanical 3D computer-aided design using Autodesk Inventor 2013. Students learn how to navigate the gesture-based user interface and receive overviews of the basic sketching, part-modelling, and assembly-modelling techniques. The course also includes a general review of the tools used for creating mechanical drawings.

Who Should Attend?

This course is designed to teach new users the essential elements of using Autodesk Inventor 2013 for mechanical design.

Prerequisites

A basic design and/or engineering knowledge.

It is recommended that you have a working knowledge of Microsoft Windows

Objectives

The primary objective of the course is to teach students the skills needed to create part and assembly models of moderate complexity and document those designs with drawing views. After completing this course, student should be able to

- Use basic part and assembly modelling techniques
- Be familiar with documenting models with drawings and annotations

Exercises

This course is instructor led, involving the utilisation of examples and exercises in a workshop environment.

Topics

- Introduction to the Modelling Process
- Introduction to Sketching
- Creating Simple Sketched Features
- Introduction to Work Features
- Introduction to Placed Features
- Assembly Modelling Fundamentals
- Introduction to Drawings