

Name of the Program
Autodesk Inventor

Program Summary:

This training course will introduce you to the basics of using Autodesk Inventor. It will cover areas such as 2D Drafting, 3D parametric part design, assembly design and working drawings. Each candidate will use real world designs to facilitate in the learning of Inventor's interface and features, as well as gaining an understanding of Inventor's workflows. On completion of this course you will have gained the knowledge to create simple 3D parts and assemblies, along with the ability to create working drawings.

Topics to be Covered:

- Chapter 1: Introduction to Inventor
- Chapter 2: A Hands-on Test-Drive of the Workflow
- Chapter 3: Sketch Techniques
- Chapter 4: Basic Modeling Techniques
- Chapter 5: Advanced Modeling Techniques
- Chapter 6: Sheet Metal
- Chapter 7: Reusing Parts and Features
- Chapter 8: Assembly Design Workflows
- Chapter 9: Large Assembly Strategies
- Chapter 10: Weldment Design
- Chapter 11: Presentations and Exploded Views
- Chapter 12: Documentation
- Chapter 13: Tools Overview
- Chapter 14: Exchanging Data with Other Systems
- Chapter 15: Frame Generator
- Chapter 16: Inventor Studio
- Chapter 17: Stress Analysis and Dynamic Simulation
- Chapter 18: Routed Systems
- Chapter 19: Plastics Design Features
- Chapter 20: iLogic

Targeted Trainees:

Mechanical Engineering and design professionals looking to use Autodesk Inventor for 2D and 3D design work.

Certificate:

Awarded from Autodesk.