



INVENTOR



Course Overview:

Autodesk Inventor course provides an understanding of the parametric design philosophy through a hand-on, intensive practice. Learn the key skills and knowledge required to design models using Autodesk Inventor, starting with conceptual sketching, through to solid modelling, assembly design and drawing production.

Course Pre-requisites:

- Working knowledge of the Windows operating system and CAD Software.
- Good command of numerical analysis

Course Grading:

Pass / Fail

Course Attendees:

- Mechanical Engineers
- Draftsman
- Designers

Course Duration:

45 Hours

Course Units:

- Introduction to Autodesk Inventor
- Creating the Base Feature
- Additional Constraint Tool
- Advanced Sketch Editing Tools
- Sketched Secondary Features
- Creating Pick and Place Features
- Work Features
- Equations
- Additional Features
- Model and Display Manipulation
- Fixing Problems
- Sweep Features
- Loft Features
- Duplication Tools
- Feature Relationships
- Assembly Environment
- Joint Connections
- Manipulating Assembly Display
- Model Information
- Presentation Files
- Assembly Tools
- Assembly Parts and Features
- Assembly Bill of Materials
- Working with Projects
- Drawing Basics
- Detailing Drawings
- Drawing Annotations
- Customizing Autodesk Inventor
- Command Customization



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