



Autodesk Inventor Advanced Part Modelling

COURSE DESCRIPTION

This course builds on the skills acquired in the Autodesk Inventor Introduction to Solid Modelling training. It takes you to a higher level of productivity when designing part models in Inventor. You will learn advanced part modelling techniques including multi-body design, advanced lofts, advanced sweeps, coils and surface modelling. The course also covers features aimed at increasing efficiency; iFeatures for frequently needed design elements, iParts for similar designs, iLogic for automating designs, translation options for importing data and the Engineer's Notebook for communication.

COURSE MODULES

- Advanced Model Appearance Options
- 2D and 3D Sketching Techniques
- Multi-Body Part Modelling
- Advanced Geometry Creation Tools
- Analysis Tools
- Generative Shape Design using Shape Generator
- Creating and Editing Basic Surfaces
- Importing Surfaces
- Surface Repair Tools
- iFeatures and iParts
- Importing Data from other CAD Systems and Making Edits
- Working with AutoCAD DWG Files
- Freeform Modelling
- Emboss and Decal Features
- Advanced Drawing Tools

OTHER INFORMATION

Prerequisites

This course assumes a mastery of Inventor Basics and knowledge of how to create and edit parts.

Course Duration

2 Days

Next Steps

Autodesk Inventor Advanced
Assembly Modelling



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