

# Autodesk Inventor Advanced Assembly Modelling

## COURSE DESCRIPTION

This course builds on the skills acquired in the Autodesk Inventor Introduction to Solid Modelling and Autodesk Inventor Advanced Part Modelling training courses. This course will enable you to be more productive, going beyond simple part design, to creating and working with assemblies in Autodesk Inventor. The course introduces advanced features for constraining models, making associative links, using design accelerators and introducing rendering models.

## COURSE MODULES

- Applying Motion to Existing Assembly Constraints
- Introduction to the Top-Down Design Technique
- Tools for Top-Down Design
- Creating Positional Representation
- Using Shrinkwrap and other Model Simplification Tools
- Working with Model States
- Using Design Accelerator
- Creating Rendered Realistic Images and Animations
- Using iMates and iAssemblies to work with Assemblies
- Duplicating Components in an Assembly
- Using the Frame Generator to Create Structural Members
- Working with Weldments
- Link and Drive Parameters to and from a Spreadsheet

## OTHER INFORMATION

### Prerequisites

This course assumes a mastery of Inventor Basics. Understanding of Part Modelling is recommended.

### Course Duration

3 Days

### Next Steps

Autodesk Inventor Dynamic Simulation



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