

Inventor Advanced Assembly Modelling

2 Day Training Course

Objectives

This course builds on the skills acquired in the Inventor Essentials training & is designed to take delegates to a higher level of productivity, creating & working with assemblies utilising Inventor.

Audience

Students must have a thorough working knowledge of Autodesk Inventor, and understand engineering design and drafting.

Agenda

- Apply motion to existing assembly constraints using Motion & Transitional constraints.
- Intro of the top-down design technique for creating assemblies & components
- Inventor tools for top-down design including associative links, adaptive parts, multi-body design, layout design derived components & skeleton models
- Create positional representations of an assembly to review motion, evaluate the position of assembly components or document an assembly in a drawing
- Create level of detail representations
- Link system parameter & custom parameters to external spreadsheet & use it to drive parameters in the model.
- Use the design accelerator to easily insert standard & customizable components & features in the model
- Create rendered realistic images & animations of parts & assemblies using Inventor Studio & the Video Producer.
- Use iMates, iAssemblies & iLogic to work efficiently with assemblies
- Use the frame generator to create members in a structural framework.
- Use pattern, mirror & copy techniques to duplicate components in an assembly
- Work with weldments
- Understand custom formatting and creating expression within the parameter.

All courses are normally run on the latest software release. The agenda can be varied to suit a clients preferences and requirements. On completion of the course you will be presented with an Autodesk Authorised Completion Certificate. All our courses follow Autodesk approved coursework.

Adam Lewis

CAD Engineer
Bronx Engineering

“ The speed of our training course was perfect. It was split in to bitesize chunks so you are able to absorb the information better. ”

Locations

Bristol
Derby
Worcester
Pencoed
Leeds

Info

All food, equipment, software & amenities are provided. Please let a staff member know of any food allergies prior to the course.

Contact

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