Fusion 360 Introduction to Parametric Modelling

This course will provide you with an understanding of the parametric design functionality within Autodesk Fusion 360 software. Through hands-on exercises, you will acquire the key skills and knowledge required to design models using the Fusion 360 software.

Course Modules

- Autodesk Fusion 360 Interface
- Creating and Constraining 2D Sketches
- Creating and Editing Solid 3D Features
- Creating and Using Construction Features
- Creating Equations
- Working with Parameters
- Manipulating the Feature History of a Design
- Duplicating Geometry in a Design
- Placing and Constraining Components
- Defining Motion in a Multi-Component Design
- Creating Multi-Component Designs
- Creating Features in a Multi-Component Design
- Creating and Editing T-spline Geometry
- Documenting a Design in Drawings
- Defining Structural Constraints and Loads

Prerequisites

Prior knowledge of 3D modelling or CAD software is not required. However a background in drafting of 3D parts is recommended.

Course Duration

3 days

Next Steps

A Bespoke Course