

Autodesk Fusion Fundamentals Training Course

Course Overview

Course Length: 16-Hours

- 16-Hours - 8 x 2-hour training sessions
- Remote training over MS Teams
- Sessions are recorded and download links for each session are provide for future use
- Training for up to 1-3 People
- Sessions can start within 7 days upon ordering
- Flexible sessions (i.e. consecutive or Monday, Wednesday, Friday, etc.)
- Courses are private and topics can be customised to suit
- Includes Certificate of Completion

Autodesk Fusion Fundamentals Training Course Guide Contents

The Autodesk Fusion Fundamentals Training Course provides you with an understanding of the parametric design philosophy using the Autodesk Fusion 360 software. Through a hands-on, practice intensive curriculum, you will learn the key skills and knowledge required to design models using the Autodesk Fusion 360 software. This course will also assist you in preparing for the Autodesk Fusion 360 Certified User exam.

Topics Covered

- Understanding the Autodesk Fusion 360 interface
- Creating, constraining, and dimensioning 2D sketches
- Creating and editing solid 3D features
- Creating and using construction features
- Creating equations and working with parameters
- Manipulating the feature history of a design
- Duplicating geometry in a design
- Placing and constraining/connecting components in a single design file
- Defining motion in a multi-component design
- Creating components and features in a multi-component design
- Creating and editing T-spline geometry
- Documenting a design in drawings
- Defining structural constraints and loads for static analysis

Prerequisites

As an introductory course, no prior knowledge of any 3D modeling or CAD software is required. However, students do need to be experienced with the Windows operating system and a background in drafting of 3D parts is recommended.