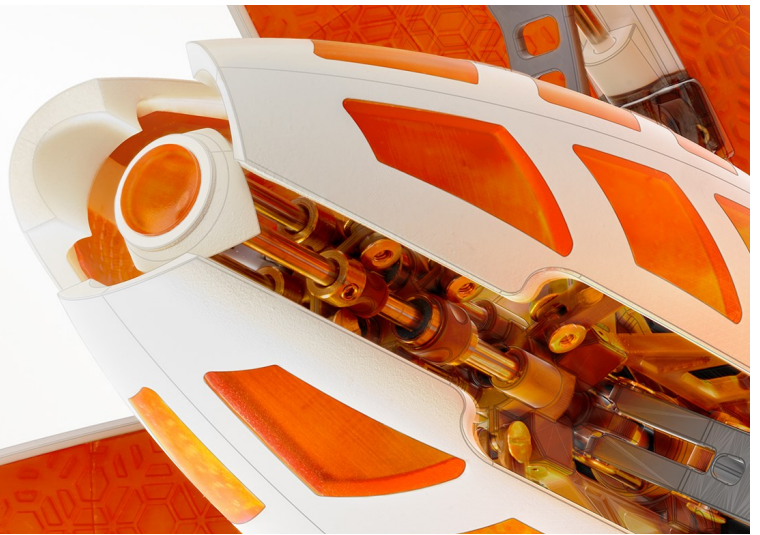


Fusion 360 Beginners

3-Day Course Content



Course Overview

Fusion 360 Beginners is a 3 day hands-on practical course that will teach the student the commands and skills to be able to create 3D Models in Fusion, to a reasonable standard. The course covers over 200 commands, concepts and settings, all of which are covered in the 530 page manual. The manual also includes exercises and projects which can be used as practice once the course is completed.

Who should attend / prerequisites

This course is for new users of Fusion 360 who wish to start using the program as soon as possible, whether as part of a business role or for personal use. No previous Fusion 360 or general CAD experience is necessary, however you should have an understanding of Microsoft Windows, ideally version 7 or above and basic computing skills.

Courseware / Certificate / Instructor

Everything we do is authorised by Autodesk—the writers of AutoCAD Software. Included in the price of your course will be:-

- An Autodesk Official Training Manual with practical exercises and supporting AutoCAD files/examples.
- An e-certificate in pdf format direct from Autodesk confirming successful completion of an Accredited Fusion 360 Course.
- The instructor is an Autodesk Certified Instructor (ACI) with many years experience.

Location & Facilities

Our training facility in Colchester, Essex, is an Autodesk Authorised Training Centre and has the latest Fusion 360 software along with older versions if you prefer. We limit the number of attendees to a maximum of six people to ensure you have quality time with the instructor. We can provide one to one or group training at your premise anywhere in the UK.

Dates, Pricing & Discounts

Our scheduled courses are run on the last Wednesday to Friday of each month. Prices per person are £725 ex VAT or £649 each for 2 people. Further discounts are available for larger bookings, please ask for details.



CAD Bureau Southern Ltd

Colchester Business Centre,

1 George Williams Way, Colchester, Essex CO1 2JS

www.cad-bureau.co.uk/cad-training

steve@cad-bureau.co.uk

Summary

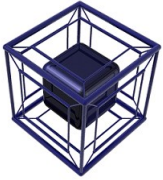
Level:	Beginners
Type:	Hand on—Practical
Duration:	3 Days
Time:	9:15am to 4:30pm
Cost:	£725 ex VAT
Frequency:	Every month
Dates:	Click Here
Support:	12 Months Phone Lifetime via e-mail
Class Size:	6 people maximum
Software:	Fusion 360
Certification:	Autodesk Authorised e-certificate
Courseware:	Autodesk Training Guide Included
Location:	Colchester, Essex or on site (at extra cost)
Prerequisites:	See main text

For further information call us on

0333 772 2025

Or e-mail steve@cad-bureau.co.uk





Fusion 360 Beginners

3 Day Course Content

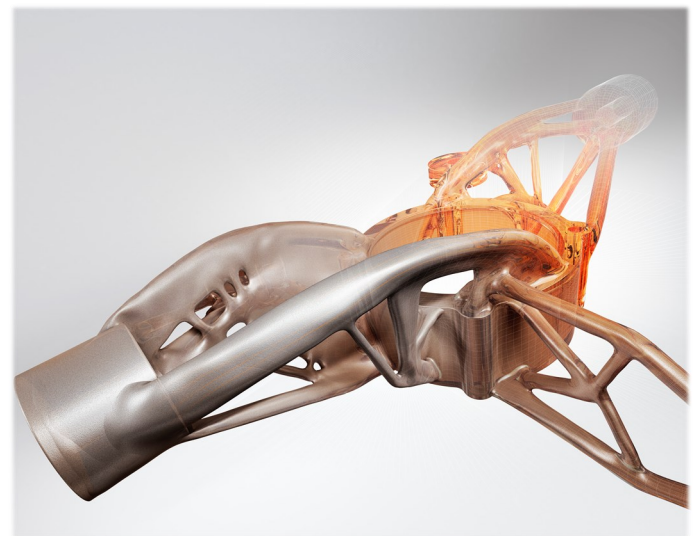


Topics	Sub-Topics
Day One	
Getting Started	User Interface, Working with Commands, Navigation, Starting a new project
Creating Features with quick Shapes	Units, Origin, Planes & Box, Cylinder, Sphere, Torus, Coil Tools
Creating Sketched Geometry	Sketching Workflow, Sketch Entities, Dimensioning, Constraints, Revolve & Extrude
Additional Sketching Tools	Additional Entity Types, Editing Tools, Additional Dimension Tools, Moving and Copying in a Sketch
Pick & Place Features	Fillets, Chamfers, Holes
Day Two	
Construction Feature	Construction Planes, Construction Axis, Construction Lines
Equations & Parameters	Equations, Parameters
Additional Features and Operations	Draft, Shell, Rib, Web, Split Face, Press/Pull, Scale, Thread
Design & Menu Manipulation	Reordering Features, Inserting Features, Suppressing Features, Measure & Section Analysis, Direct Modelling
Single Path Sweeps	Sweeps
Loft Features	Lofts
Day Three	
Feature Duplication Tools	Mirroring, Patterning
Assembly Design Methods	Distributed, Joint, Assigning Joints
Component Design Features	Rigid Group, Interference Detection, Miscellaneous Joint Tools
Multi Body Design	Multi Body Design, Multi Body Design Tools, Components, Creating Components, AS BUILT JOINTS
Sculpting Geometry	Intro to the Sculpt Environment, Surface Quick Shapes, Creating Sketched T-Spline Surfaces, Creating Faces and Filling Holes
Drawing Basics	Creating a New Drawing, Additional Drawing, Detail View, Exploded Views & Animations, Parts Lists & Balloons
Detailing Drawings	Dimensions, Other Annotations, Centre Marks & Lines, Annotation & Dimension Settings, Drawing Output
Materials & Rendering	Introduction to the Render Environment, Setting up a Scene/scene Options, Rendering Options, Applying Materials, Custom materials

Day Three Continued	
Static Analysis Using the Simulation Environment	Introduction to the Simulation Environment, Setting up a Structural Stick Analysis, Select a Material to Override the Design Materials and Ensure Yield Strength is Selected, Setting up the Mesh, Solving a Design Study, Visualising the results

Note: The instructor may add or remove topics depending upon the ability of the students attending.

The topics above are from the Official Autodesk Training Guides that may change at the discretion of Autodesk of which we have no control.



Contact Us

Give us a call on 0333 772 2025 for more Information about our services and products

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Visit us on the web at www.cad-bureau.co.uk

