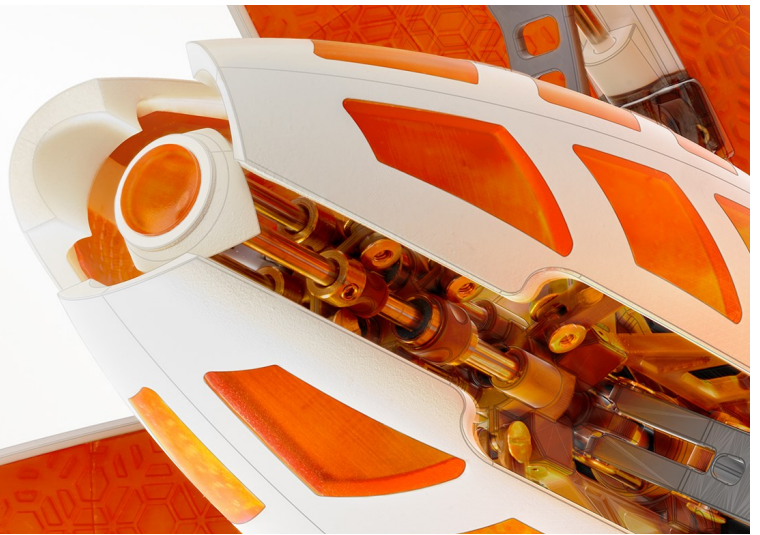


# Fusion 360 Beginners

## 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 £699 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](http://www.cad-bureau.co.uk/cad-training)

[steve@cad-bureau.co.uk](mailto:steve@cad-bureau.co.uk)

### Summary

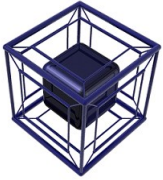
<b>Level:</b>	Beginners
<b>Type:</b>	Hand on—Practical
<b>Duration:</b>	3 Days
<b>Time:</b>	9:15am to 4:30pm
<b>Cost:</b>	£699 ex VAT
<b>Frequency:</b>	Every month
<b>Dates:</b>	<a href="#">Click Here</a>
<b>Support:</b>	12 Months Phone Lifetime via e-mail
<b>Class Size:</b>	6 people maximum
<b>Software:</b>	Fusion 360
<b>Certification:</b>	Autodesk Authorised e-certificate
<b>Courseware:</b>	Autodesk Training Guide Included
<b>Location:</b>	Colchester, Essex or on site (at extra cost)
<b>Prerequisites:</b>	See main text

For further information call us on

**01206 890899**

Or e-mail [steve@cad-bureau.co.uk](mailto:steve@cad-bureau.co.uk)





# Fusion 360 Beginners

## 3 Day Course Content



Topics	Sub-Topics
<b>Day One</b>	
<b>Getting Started</b>	User Interface, Working with Commands, Navigation, Starting a new project
<b>Creating Features with quick Shapes</b>	Units, Origin, Planes & Box, Cylinder, Sphere, Torus, Coil Tools
<b>Creating Sketched Geometry</b>	Sketching Workflow, Sketch Entities, Dimensioning, Constraints, Revolve & Extrude
<b>Additional Sketching Tools</b>	Additional Entity Types, Editing Tools, Additional Dimension Tools, Moving and Copying in a Sketch
<b>Pick &amp; Place Features</b>	Fillets, Chamfers, Holes

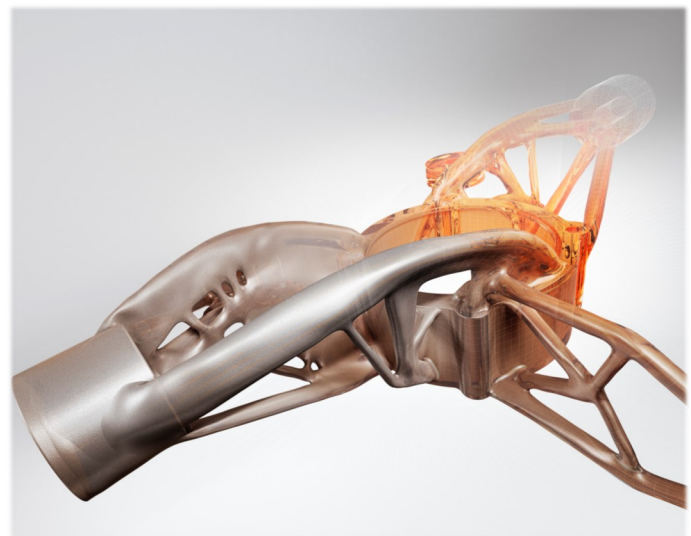
<b>Day Two</b>	
<b>Construction Feature</b>	Construction Planes, Construction Axis, Construction Lines
<b>Equations &amp; Parameters</b>	Equations, Parameters
<b>Additional Features and Operations</b>	Draft, Shell, Rib, Web, Split Face, Press/Pull, Scale, Thread
<b>Design &amp; Menu Manipulation</b>	Reordering Features, Inserting Features, Suppressing Features, Measure & Section Analysis, Direct Modelling
<b>Single Path Sweeps</b>	Sweeps
<b>Loft Features</b>	Lofts

<b>Day Three</b>	
<b>Feature Duplication Tools</b>	Mirroring, Patterning
<b>Assembly Design Methods</b>	Distributed, Joint, Assigning Joints
<b>Component Design Features</b>	Rigid Group, Interference Detection, Miscellaneous Joint Tools
<b>Multi Body Design</b>	Multi Body Design, Multi Body Design Tools, Components, Creating Components, AS BUILT JOINTS
<b>Sculpting Geometry</b>	Intro to the Sculpt Environment, Surface Quick Shapes, Creating Sketched T-Spline Surfaces, Creating Faces and Filling Holes
<b>Drawing Basics</b>	Creating a New Drawing, Additional Drawing, Detail View, Exploded Views & Animations, Parts Lists & Balloons
<b>Detailing Drawings</b>	Dimensions, Other Annotations, Centre Marks & Lines, Annotation & Dimension Settings, Drawing Output
<b>Materials &amp; Rendering</b>	Introduction to the Render Environment, Setting up a Scene/scene Options, Rendering Options, Applying Materials, Custom materials

Day Three Continued	
<b>Static Analysis Using the Simulation Environment</b>	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

**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 01206 890899 for more Information about our services and products

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Colchester Business Centre, 1 George Williams Way, Colchester, Essex CO1 2JS

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Visit us on the web at [www.cad-bureau.co.uk](http://www.cad-bureau.co.uk)

