

Fusion 360 CAM Beginner Courses

F**360**

CAD/CAM Foundations & Concepts – 1 Day

AUTODESK
Authorised Training Centre**AUTODESK**
Learning Partner

Course Overview

Our Fusion 360 “Introduction to CAD/CAM” course is a 1 day hands-on workshop that will teach the student the basic processes involved to create a 3D model which can then be programmed for a CNC lathe or mill depending on your preference.

This is a foundation aimed at providing a very basic overview of how Fusion 360 can be used to draw and program a 3D model. It is not intended to provide an in-depth look at CAD or CAM. There are three day courses for this.

Who should attend / prerequisites

This course is run on demand for individual companies only or on a 1 to 1 basis for individuals. It is advantageous but not essential that you have a basic understanding of using CNC machine tools and be a confident computer user.

Courseware / Certificate / Instructor

Included in the price of your course will be:-

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

Location & Facilities

Our training facility in Colchester, Essex, is an Autodesk Authorised Training Centre. We have all the latest Fusion 360 software and can supply training licenses if you do not have your own license. 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

This course is run on demand. The price for attendance at our Colchester office or virtual attendance will be £299+VAT per person with discounts for multiple attendees. Training can be provided on site and the price will depend on the number of attendees and location. Please contact us for a quotation.

Summary

| | |
|---------------|--|
| Level | Beginners |
| Course Type | On Demand |
| Duration | 1 Days |
| Time | 9:15am - 4:30pm |
| Cost | £299 + VAT |
| Frequency | On Demand |
| Dates | Click Here |
| Support | <ul style="list-style-type: none">• 12 months Phone• Lifetime via e-mail |
| Class Size | 6 people maximum |
| Software | Fusion 360 Training Licences provided or you can use your own |
| Certification | Autodesk Authorised e-certificate |
| Courseware | Autodesk Training Guide included |
| Location | <ul style="list-style-type: none">• Colchester, Essex; or,• On site (at extra cost) |
| Prerequisites | See main text |

For further information call us on

0333 772 2025

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



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Concepts — 1 Day

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| Topics | Sub-Topics |
|---|--|
| CAD/CAM Foundations and Concepts — 1 Day | |
| Lesson 1 — Getting Started | Review course Objectives, how the software is packaged & create Autodesk ID's |
| Lesson 2 — Starter Activity | Simulate a CNC toolpath and identify a collision |
| Lesson 3 — Planning a CNC Program | Identify tools and toolpaths for a part based on a CAD drawing |
| Lesson 4 — CAD Modelling | Create a basic 3D Model for machining using sketches, dimension, constraints and editing |
| Lesson 5 — Mill Toolpaths | Create a milling CAM setup and create basic milling toolpaths |
| Lesson 6 — Lathe Toolpaths | Create a lathe CAM setup and create basic lathe toolpaths |
| Lesson 7 — Documentation | Create a Set up sheet and exporting G code to your machine |

Course Screenshots



Course Screenshots



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.




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