



## FS102: FUSION - INTRODUCTION TO CAM COURSE

**Course Length** 1 Full Day or 2 Sessions

**Schedule** 1 Full Day  
9:00am - 4:00pm ET

Morning - 2 Sessions  
9:00am - 12:00pm ET

Afternoon - 2 Sessions  
1:00pm - 4:00pm ET

Evening - 2 Sessions  
5:00pm - 8:00pm ET

**Course Price** Per student, shared on-line course  
(1-on-1 & group rates available)

### Designed for

This course is designed for experienced users of Fusion CAD who wish to utilize the capabilities of Fusion CAM.

### Prerequisites

MicroCAD course FS101  
Prior knowledge of Fusion CAD:

- Folder-level projects
- Part modeling
- Sketching
- Assemblies
- Drawings
- Surface modeling

### What you get

Students will receive MicroCAD Authorized Training courseware (a student copy is included with the training) and the knowledge to get started with Fusion.

*\*All students will earn a Certificate of Completion.*

### Notes

The course length is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the students. All courses will be taught on the most current release, depending on availability of courseware.

### Course Plan

The Fusion Introduction to Computer Aided Manufacturing (CAM) course provides you with an understanding of how to create CAM setups in Fusion, run toolpath simulations, and verify collision-free programs with stock simulation for running on your CNC.

### Topics Covered

- Understanding the Autodesk Fusion interface
- Creating, constraining, and dimensioning 2D sketches
- Creating and editing solid 3D features
- Creating and using construction features
- Working with parameters
- Manipulating the feature history of a design
- Documenting a design in drawings
- Creating CAM setups in Fusion & using toolpaths
- Creating and assignment of cutting tools
- Simulating and verifying collision-free programs
- Posting NC programs to run on your CNC Machine

### For more information, please contact our main office:

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