



## FS101: FUSION - INTRODUCTION TO CAD & PARAMETRIC MODELING

**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 new users who wish to utilize the capabilities of CAD & parametric modeling with Fusion.

### Prerequisites

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.

### 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 CAD & Parametric Modeling course provides you with an understanding of the parametric design philosophy using Fusion software. Through a hands-on, practice-intensive curriculum, you will learn the key skills and knowledge required to design models using the Fusion software.

### Topics Covered

- Understanding the Autodesk Fusion 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
- Creating components and features in a multi-component design
- Documenting a design in drawings

For more information, please contact our main office:

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