



FS100: FUSION - FUNDAMENTALS COURSE

Course Length 3 Full Days or 6 Sessions

Schedule 3 Full Days
9:00am - 4:00pm ET

Morning - 6 Sessions
9:00am - 12:00pm ET

Afternoon - 6 Sessions
1:00pm - 4:00pm ET

Evening - 6 Sessions
5:00pm - 8:00pm ET

Course Price \$1295 per person
(group rates available)

Designed for

This course is designed for new users who wish to utilize the capabilities of 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 get classroom access to the software and Autodesk Authorized Training courseware (these can be purchased in addition to the training) and the knowledge to get started with Fusion.

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 Fundamentals course provides you with a comprehensive understanding of the parametric design philosophy using the Fusion software. Through a hands-on, practice-intensive curriculum, you will deep-dive to 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
- Defining motion in a multi-component design
- Creating components and features in a multi-component design
- Creating and editing T-spline geometry
- Documenting a design in drawings
- Defining structural constraints and loads for static analysis

For more information, please contact our main office:

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