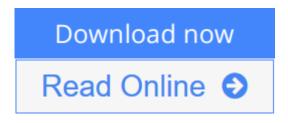


### Autodesk Fusion 360 Introduction to Parametric Modeling: Autodesk Authorized Publisher - 2nd Edition

By Ascent - Center for Technical Knowledge



**Autodesk Fusion 360 Introduction to Parametric Modeling: Autodesk Authorized Publisher - 2nd Edition** By Ascent - Center for Technical Knowledge

The *Autodesk*® *Fusion 360*<sup>TM</sup> *Introduction to Parametric Modeling* student guide provides you with an understanding of the parametric design philosophy using the Autodesk® Fusion 360<sup>TM</sup> software. Through a hands-on, practice-intensive curriculum, you will learn the key skills and knowledge required to design models using the Autodesk Fusion 360 software. Enhanced with CADLearning videos from 4D Technologies, LLC., this student guide will also assist you in preparing for the Autodesk Fusion 360 Certified User exam.

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- Understanding the Autodesk Fusion 360 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

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ASCENT develops and produces a wide range of courseware offerings, knowledge products, and courseware for the industry's leading engineering software tools from Autodesk, Dassault Systèmes, and PTC. ASCENT's team is comprised of courseware developers, engineers, instructional designers, architects, and technical writers who work together to create training solutions that work for our clients. Our curriculum group specializes in the creation of blended education programs that incorporate the best of expert-led and technology-based training offerings to create the most effective course content and ensure that users achieve maximum productivity from their chosen engineering tools. We also work to meet our client's needs by offering different levels of customization for classroom-training curriculum.

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