



Autodesk Fusion 360: A Tutorial Approach

Prof. Sham Tickoo Purdue Univ. and CADCIM Technologies

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Autodesk Fusion 360: A Tutorial Approach Introduces the readers to Autodesk Fusion 360, the first 3D/CAD/CAM/CAE tool that connects the entire product development process in a single cloud-based platform where different design teams work together in hybrid environment and harness the power of the cloud when necessary as well as use local resources. The chapters in this textbook are arranged in pedagogical sequence that makes it very effective in learning the features and capabilities of the software. This textbook covers all important topics and concepts such as Part Design, Assembly Design, Drafting, Animation, Basics of Sheet Metal.

Salient Features

Textbook consisting of 10 chapters that are organized in a pedagogical sequence.

Summarized content on the first page of the topics that are covered in the chapter.

More than 40 real-world mechanical engineering problems used as tutorials and projects with step-by-step explanation.

Additional information throughout the book in the form of notes and tips.

Self-Evaluation Tests and Review Questions at the end of each chapter to help the users assess their knowledge.

Technical support by contacting techsupport@cadcam.com.

Additional learning resources at <http://allaboutcadcam.blogspot.com>.

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Free Teaching and Learning Resources

CADCIM Technologies provides the following free teaching and learning resources with this textbook:

Technical support by contacting techsupport@cadcim.com

Part files used in tutorials, exercises*, and illustrations

Instructor Guide with solution to all review questions and exercises*

Additional learning resources at <http://allaboutcadcam.blogspot.com> and [youtube.com/cadcimtech](https://www.youtube.com/cadcimtech)

(* For faculty only)

About the Authors

CADCIM Technologies, Prof. Sham Tickoo of Purdue University Northwest, and the team of dedicated contributing authors at CADCIM Technologies are committed to bring you the best textbooks and free teaching and learning resources on Computer Aided Design, Manufacturing, and Engineering (CAD/CAM/CAE), Computer Programming and Applications, GIS, Civil, Animation and Visual Effects, and related technologies. We strive to be the first and the best. That is our promise and our goal.

Our team of authors consists of highly qualified and experienced engineers and animation and visual effects artists who have a strong academic and industrial background. They understand the needs of the students, the faculty, and the challenges the students face when they start working in industry.

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