



Exploring Autodesk Navisworks 2016, 3rd Edition

Prof. Sham Tickoo Purdue Univ., CAD/CIM Technologies

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Exploring Autodesk Navisworks 2016 is a comprehensive book that has been written to cater to the needs of the students and the professionals who are involved in the AEC profession. In Navisworks 2016 book, the author has emphasized on various hands on tools for real-time navigation, reviewing models, creating 4D and 5D simulation, quantifying various elements, performing clash detection, rendering with Presenter and Autodesk Rendering graphics, creating animation, and advanced tools for selection through tutorials and exercises. In this book, along with the main text, the chapters have been punctuated with tips and notes to give additional information on the concept, thereby enabling you to create your own innovative projects.

The highlight of this textbook is that each concept introduced in it is explained with the help of suitable examples to facilitate better understanding. The simple and lucid language used in this textbook makes it a ready reference for both the beginners and the intermediate users.

Salient Features of the Textbook:

Covers detailed description of the tools and command of Navisworks 2016

Explains the concepts using real-world projects and examples focusing on industry experience

Covers advanced functions such as creating visualizations with Autodesk Rendering

Covers topics such as how to import file in different formats, navigate around the merged 3D model, manage annotations and documentation, coordinate schedules with TimeLiner, and estimate project with

Quantification tool

Includes an exercise on creating car animation using Animator and Scripter

Provides step-by-step explanation that guide the users through the learning process

Effectively communicates the utility of Navisworks 2016

Self-Evaluation Test and Review Questions at the end of chapters for reviewing the concepts learned in the chapters

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Free Teaching and Learning Resources:

CAD/CIM Technologies provides the following free teaching and learning resources with this textbook:

- Technical support on contacting techsupport@cadcim.com

- Part files used in examples.
- Customizable PowerPoint Presentations of every chapter (For faculty only)
- Instructor Guide with solution to all review questions (For faculty only)
- Additional learning resources at <http://navisworksperts.blogspot.in/> and [youtube.com/cadcimtech](https://www.youtube.com/c/cadcimtech) (* For Faculty only)

About the Authors:

CADCIM Technologies, Prof. Sham Tickoo of Purdue University Calumet, 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 and Manufacturing (CAD/CAM), 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 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. All our books have been structured in a way that facilitates teaching and learning, and also exposes students to real-world applications. The textbooks, apart from providing comprehensive study material, are well appreciated for the simplicity of content, clarity of style, and the in-depth coverage of the subject.

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