

Basic to Advanced

NX6

Modeling, Drafting, and Assemblies

A Project Oriented Learning Manual

By:

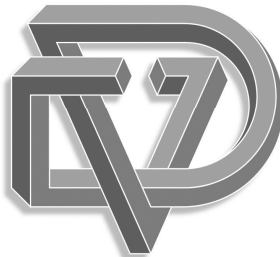
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**DESIGN
VISIONARIES**



**Superior Vision Yields
Optimal Products**

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Dedication

We dedicate this book to engineering students around the globe. You dazzle the world with inventive genius.

Acknowledgements

We would like to thank the following people for their tireless efforts. Without the contributions from each of you, this book would be a mere shadow of what it has become:

Sean Diaz-Lapham, Anna Wall, Jennine Ruiz, Julie Gantner, Rick Uro, and Jim Defever.

Special thanks to Anuranjini Pragada for the cover design.

What readers have to say about our previous books:

Bryan McDonald, Product Design Manager at Apple Computers

“Bottom line: this is an excellent book. If anyone wants to learn how to use Unigraphics quickly, efficiently and practically, this is the way to do it.”

Fred Dyen, Director of St. Louis University’s Aviation Maintenance Institute (AMI)

“Practical Unigraphics NX2 Modeling for Engineers was extremely effective and much better than [other] textbooks. I would highly recommend this book to other professors and students alike.”

Dr. Pat Spicer, Professor at Western Illinois University

“The UG NX2 textbook is well organized. Its tutorial style of learning is easy for students to utilize. The practice exercises are essential. From my experience in teaching students to use UG software, I have found that this is the best textbook currently on the market for teaching UG NX2.”

Preface

Dear reader,

Thank you for purchasing our NX6 Basic and Intermediate book, the newly revised version of our previous CAD training text books. We have greatly expanded the content, detail, and exercises included in this edition. Design Visionaries is an engineering consulting firm that performs many design projects great and small, including industrial design, product design and engineering analysis. Our customers entrust us with the design of medical devices, aerospace components, heavy machinery, consumer products, etc. The methods outlined in this book go beyond an academic use of the software. They are tricks of the trade that come from thousands of hours of actual use of the software to design some of the most difficult products in the world. In addition, Design Visionaries offers world class on-site training which enables us to develop and evolve our training material so that they provide the maximum benefit. Please enjoy this text, and we invite you to log on to our website – www.designviz.com where you can find additional free materials, other advanced materials, products, and goodies.

Thank you,

Stephen Samuel

November 20, 2008

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