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Autodesk Inventor 2017 Essentials Plus



Synopsis

Autodesk Inventor 2017 Essentials Plus provides the foundation for a hands-on course that covers basic and advanced Autodesk Inventor features used to create, edit, document, and print parts and assemblies. You learn about part and assembly modeling through real-world exercises. Autodesk Inventor 2017 Essentials Plus demonstrates critical CAD concepts, from basic sketching and modeling through advanced modeling techniques, as it equips you with the skills to master this powerful professional tool. The book walks you through every component of the software, including the user interface, toolbars, dialogue boxes, sketch tools, drawing views, assembly modeling, and more. Its unique modular organization puts key information at your fingertips, while step-by-step tutorials make it an ideal resource for self-learning. Packed with vivid illustrations and practical exercises that emphasize modern-day applications, Autodesk Inventor 2017 Essentials Plus will prepare you for work in the real world. Each chapter is organized into four sections. Objectives, which describe the content and learning objectives; topic coverage, which presents a concise review of the topic; exercises, which present the workflow for a specific command or process through illustrated step-by-step instructions; and finally a checking your skills section, which tests your understanding of the material. Who Should Use This Manual? The manual is designed to be used in instructor-led courses, although you may also find it helpful as a self-paced learning tool. It is recommended that you have a working knowledge of Microsoft Windows as well as a working knowledge of mechanical design principles.

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Book Information

Perfect Paperback: 547 pages

Publisher: SDC Publications (March 31, 2016)

Language: English

ISBN-10: 1630570281

ISBN-13: 978-1630570286

Product Dimensions: 1.2 x 8.8 x 11 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

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Best Sellers Rank: #217,836 in Books (See Top 100 in Books) #85 in Books > Computers &

Technology > Graphics & Design > CAD #137 inÂ Books > Computers & Technology > Graphics & Design > Computer Modelling #249 inÂ Books > Arts & Photography > Architecture > Drafting & Presentation

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