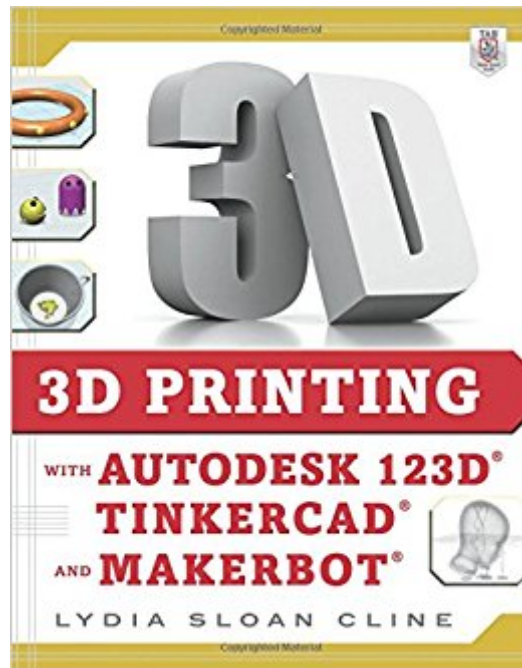




Ebook Directory
the best source of ebook

The book was found

3D Printing With Autodesk 123D, Tinkercad, And MakerBot



Synopsis

Master the art of 3D printing with step-by-step tutorials and DIY projects Are you ready to join the new industrial revolution? 3D Printing with Autodesk 123D, Tinkercad, and MakerBot reveals how to turn your ideas into physical products that you can use or sell! You'll learn how to operate powerful, free software from Autodesk and bring your creations to life with the MakerBot--a leading consumer printer--or an online service bureau. Practical examples take you through the Design, Catch, Meshmixer, Tinkercad, Make, and CNC Utility apps, and the MakerBot Desktop. Fun projects, easy-to-follow instructions, and clear screenshots progress from installing the software to printing the design. Videos and digital files accompany this hands-on guide. Make your own creations with Design and Tinkercad Download editable, premade content Generate construction documents with the LayOut feature Create and edit a reality capture model with Catch Edit and mash up .stl files with Meshmixer Navigate the MakerBot Desktop Print the model on your own machine or with a service bureau

Book Information

Paperback: 304 pages

Publisher: McGraw-Hill Education TAB; 1 edition (November 27, 2014)

Language: English

ISBN-10: 0071833471

ISBN-13: 978-0071833479

Product Dimensions: 8.4 x 0.6 x 10.7 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars 14 customer reviews

Best Sellers Rank: #144,693 in Books (See Top 100 in Books) #6 in Books > Computers & Technology > Graphics & Design > 3D Printing #9 in Books > Textbooks > Humanities > Visual Arts > Sculpture #17 in Books > Crafts, Hobbies & Home > Crafts & Hobbies > Toys & Models > Miniatures

Customer Reviews

Lydia Sloan Cline (Overland Park, KS) has been happily using Autodesk products since AutoCAD version 1.0 was released. She went from plotting her ideas on a flatbed table with pens in robotic arms to sketching them with modeling software and 3D printers. Lydia works for architecture firms, teaches college, judges competitive technology events, and wants you to join the huge community of makers and creators. She is the author of three textbooks: Architectural Drafting for Interior

Designers; Drafting and Visual Presentation for Interior Designers; and SketchUp for Interior Design. She teaches Autodesk 123D and MakerBot classes for Johnson County Community College.

My colleague and I just purchased two Makerbots for our high school, and settled on Autodesk's 123D suite of software for student use. The software has gone through so many revisions so quickly that many of the online video tutorials are dated, with command menus and defaults changing on the way. Plus, having to sit through a 5 minute video is a bit frustrating when what you really want to do is leaf through an index and get to the point. Though new to 3d printing we are reasonably computer and software savvy - therefore this book isn't exactly the user manual I wanted. It is aimed much more squarely at the rank beginner, but as such, it does a pretty good job walking you through the various sorts of design software in the 123D suite and explaining how they work together. I am confident that I could hand this book to one of my more curious but non-techy students, and that they would be able to follow it. The book is rather brief, just a few quick exercises in each piece of software showing you the basics, but it gives you the overview.

Of all the beginner's books about creating designs for 3D printing, this is by far the best one. There are loads of tips and tutorials and each exercise builds on the last. As the cover states, this book covers the 123D suite of tools as well as TinkerCad which provide the beginner and hobbyist with a great suite of free design tools. This is certainly my "go-to" book and the one I continually keep by my desk as I design my projects.

Giving credit where due, this is a five star book IF you are using the exact software she is describing. Unfortunately, I was looking for more of a general general "Here is how you start in 3D printing" book. For my purpose, it is therefore not the best choice as I do not plan on using these specific software. Now, if you do intend on using the Autodesk programs she mentions in the title, then this is indeed the book you need! That being said, I did get value from reading how these software packages function and it gave me insight on what to look for on the software that I will be using with my home built 3D printer.

This is a very useful book -- clear directions and helpful hints for using a Makerbot printer.

123D has updated so not all the references are current but that is ok. So far the book is very helpful

to a beginner.

Referring to AD 123D in the actual program the menu bar has tiny, tiny symbols on the computer display. In this book, they are shown even smaller again and again. Some of the drop down menus are shown at a readable size, but most of the time you need a magnifying glass.

good, clear info for beginners in 3d printing software. This book is a great partner to Lydia's youtube series.

OK Book. Sticks to the basics. Nicely Organized. William Lewis

[Download to continue reading...](#)

3D Printing with Autodesk 123D, Tinkercad, and MakerBot Autodesk Revit Architecture 2016 Essentials: Autodesk Official Press Autodesk Revit Architecture 2016 No Experience Required: Autodesk Official Press Introducing Autodesk Maya 2016: Autodesk Official Press Gelli Printing: Printing Without a Press on Paper and Fabric Printing by Hand: A Modern Guide to Printing with Handmade Stamps, Stencils, and Silk Screens Regular Printing and Practicing for Success | Printing Practice for Kids The Platinum Printing Workshop: Platinum/Palladium Printing Made Easy Hand-Printing Studio: 15 Projects to Color Your Life – A Visual Guide to Printing on Almost Anything Master Photographer's Lith Printing Course: A Definitive Guide to Creative Lith Printing Autodesk Maya 138 Tutorials and Tips by Antonio Bosi: 138 useful Maya tutorials (tips & tricks) for experts and beginners AutoCAD Tutor for Engineering Graphics: 2013 and Beyond (with CAD Connect Web Site Printed Access Card) (Autodesk 2013 Now Available!) Design Integration Using Autodesk Revit 2015: Architecture, Structure and MEP Autodesk Revit 2017 for Architecture: No Experience Required Design Integration Using Autodesk Revit 2017 AutoCAD Civil 3D 2016 Essentials: Autodesk Official Press Design Integration Using Autodesk Revit 2016 Exploring Autodesk Navisworks 2016, 3rd Edition Parametric Modeling with Autodesk Inventor 2018 Engineering Design Graphics with Autodesk Inventor 2017

Contact Us

DMCA

Privacy

FAQ & Help