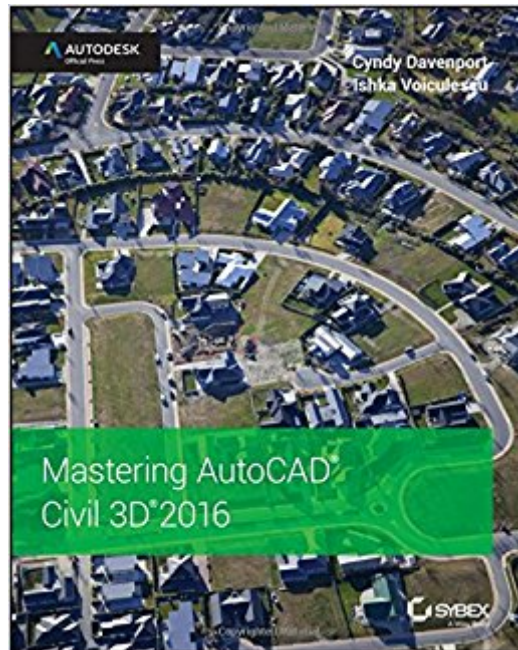




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# Mastering AutoCAD Civil 3D 2016: Autodesk Official Press



## Synopsis

Utilize AutoCAD Civil 3D 2016's real-world workflow with these expert tricks and tips

Mastering AutoCAD Civil 3D 2016 is a complete, detailed reference and tutorial for Autodesk's extremely popular and robust civil engineering software. With straightforward explanations, real-world examples, and practical tutorials, this invaluable guide walks you through everything you need to know to be productive. The focus is on real-world applications in professional environments, with all datasets available for download, and thorough coverage helps you prepare for the AutoCAD Civil 3D certification exam with over an hour's worth of video on crucial tips and techniques. You'll learn how to navigate the software and use essential tools, and how to put it all together in the context of a real-world project. In-depth discussion covers surveying, alignments, surface, grading, cross sections and more, and instructor support materials provide an ideal resource for training and education. This book will take you from beginner to pro, so you can get the most out of AutoCAD Civil 3D every step of the way. Understand key concepts and get acquainted with the interface

Create, edit, and display all elements of a project

Learn everything you need to know for the certification exam

Download the datasets and start designing right away

With expert insight, tips, and techniques, Mastering AutoCAD Civil 3D 2016 helps you become productive from the very beginning.

## Book Information

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## Customer Reviews

Become a Civil 3D Expert with This Comprehensive Guide Whether you already use Civil 3D or

you're encountering this powerful software for the first time, this Autodesk Official Press guide provides everything you need to know to make the most of Civil 3D 2016. Straightforward explanations, real-world examples, and practical tutorials help you master the basics and quickly become productive. You'll begin with the key concepts, learn to navigate the interface, master the tools, and see how the various elements work together in an actual project. You also have access to downloadable datasets and instructional video filled with professional tips and techniques, enhancing your hands-on experience and a head start on preparation for the AutoCAD Civil 3D certification exam. Coverage includes: Mastering the interface and the tools available Managing Civil 3D labels and styles Creating both lines and curves using Civil 3D tools Managing survey data within survey databases Creating, editing, and managing points easily Surface creation, editing and management Managing property data using parcels Creating alignments and handling of profiles and profile views Using corridors for basic to complex roadway design Working with cross sections and extraction of quantities Master Site Grading using Feature Lines and Grading Groups Use Corridors to Design Roads and Intersections Create Drainage Systems Share Surfaces, Alignments, and Pipe Networks via Data Shortcuts Configure Field to Finish Prepare for the Civil 3D Certification Exam

Cyndy Davenport has been working in the land development industry for 28 years. A veteran of design technology management, implementation, training, and support, she has earned numerous certifications in various Autodesk products over the years. Cyndy has spoken several times at Autodesk University and blogs occasionally at [c3dcougar.typepad.com](http://c3dcougar.typepad.com). Ishka Voiculescu is an engineer with the City of Austin Public Works. He has extensive experience using Autodesk Suite products for planning, design, and visualization. Ishka belongs to various engineering groups, is active both in the social networks and community forums, and blogs at [civildigest.com](http://civildigest.com).

Autodesk's annual version upgrades don't give authors much time to rest. Other publishers have dropped out and Wiley/Sybex are good to hang in there to at least give us this option. This book is superior to the competing book by Autodesk Official Press. That less expensive book seemed pretty good until I hit chapter 3 where it began to cover data import topics and then said, "....will not be covered in this book." I shaved off 1 Star because I have run into a half doz tolerable errors, a half dozen in first 9 chapters, each of which took time to puzzle out and confirm. There is no active standing Errata page on publishers website. Used submission box to report/ask about/share 2 errors. They replied by email, said Author relayed/acknowledged one but denied the other....kind of

a baffler since by then the exercise was completed flawlessly once the incorrect (supposedly correct) value was substituted, but didn't complete accurately when using the value which had made it past editors and onto the printing plates used for my copy of the book. I don't feel special. A few times I have had to Google certain terms that were not included in the books Index. They could stand to reduce the font size of the Index and include more terms. Or. Include a glossary or reference for key Civil Engineering acronyms. To be fair I am only half way through the book and overall the lessons are well planned out. As the book prepares you with the basics very well, the text frequently referring to 2 of the later chapters -- where it looks like all of the preparatory chapters are brought together. At that point there appears to be decent guidance on how to set up styles, data shortcuts, etc., and generally produce the speediest possible files for further operations like 5D modeling.

Was a great resource. I finally, later, attended a Civil 3D class and knew a lot more than I thought I did! I just did not have the confidence. Something I guess you can't get from a book. I have to get my IT to download the tutorials because Barracuda stops all from PC's, but they are okay tutorials too.

I have only gotten through the first two chapters and I have already learned a lot. I am very happy with the book.

Not simplified enough for beginners . Not benefiting anything much. Basically teaching myself by trial and error

Great book. I was a complete beginner. This book will put you to work and learn. Must have book

Great manual on the soft with good examples.

Just what I needed to get back up to speed with latest Civil 3d.

Just what I was looking for

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