

Mastering AutoCAD Civil 3D 2015: Autodesk Official Press

By Cyndy Davenport, Ishka Voiculescu



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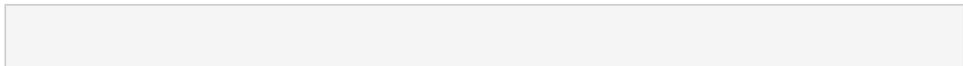
The most complete resource for learning AutoCAD Civil 3D

Mastering AutoCAD Civil 3D is the ultimate guide to the new standard in civil engineering software. With combined experience in both civil engineering and Autodesk Civil 3D, authors Cyndy Davenport and Ishka Voiculescu guide you through the ins and outs of the program, from the fundamentals to the little-known tricks that make a big difference. The book focuses on real-world applications in professional environments, and presents topics and ideas not found anywhere else. Lessons begin simply, with an overview of the software and interface, and then gradually progress to more complex topics.

AutoCAD Civil 3D is the standard software for civil engineering and design. From surveying and mapping, to design, to documentation and analysis, the program offers expanded capabilities and complementary workflows, allowing easy integration with InfraWorks, Revit Structure, and more. The ability to complete a project within a single suite means increased productivity and continuity, which translates into quicker turnaround, better-designed structures, and streamlined project management. The savvy civil engineering professional must be well versed in the program's full functionality as it expands throughout government agencies and private companies. This book features in-depth coverage of topics including:

- Surveying, points, and alignments
- Profiles, corridors, and grading
- LandXML and LDT project transfer
- Visualization, sheets, and project management

The book also features downloadable datasets that enable you to access the lessons most relevant to your needs, and includes an objectives map to help you prepare for the Civil 3D certification exam. For the civil engineering professional hoping to remain relevant in a changing industry, *Mastering AutoCAD Civil 3D* is the ultimate resource.



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Editorial Review

From the Back Cover

Break New Ground with Civil 3D and This Expert Guide

Whether you're a beginner or just want a deeper understanding of specific topics, you'll get more out of Autodesk's powerful, leading-edge civil engineering software with *Mastering AutoCAD® Civil 3D® 2015*. Updated by an expert team of authors, this top-notch tutorial and reference gives you a fresh perspective on Civil 3D tools, techniques, and functions—from basic to advanced. With straightforward explanations, real-world examples, and practical tutorials, it enables you to learn a host of ways to approach design tasks with confidence and ease.

Designed to help you get past the steepest part of the learning curve and teach you some guru-level tricks along the way, *Mastering AutoCAD Civil 3D 2015* is the ideal addition to any AutoCAD Civil 3D user's bookshelf.

Coverage includes:

- Navigating the interface and customizing your drawing's settings
- Handling field surveying
- Exploring the control of AutoCAD Civil 3D points
- Using free and low-cost data to perform preliminary surface creation
- Maintaining the relationships between the tangents, curves, and spiral elements
- Building surfaces, intersections, and other areas of corridors
- Working with the creation tools
- Creating view frame groups, sheets, and templates
- Assigning pay items to corridor codes, blocks, areas, and pipes
- Editing and creating label and object styles

Design Corridors, Intersections, and Roundabouts

Create Feature Lines to Describe Critical Areas

Master Surveying, Grading, and Pipe Network Design

Assign Pay Items to Corridor Codes, Blocks, Areas, and Pipes

Master Label Style Conundrums You May Come Across

Prepare for the Civil 3D Certification Exam

About the Author

Cyndy Davenport has been working in the land development industry for 27 years in the capacity of design, technology management, implementation, training, and support. Cyndy is a regular speaker at Autodesk University and blogs at c3dcougar.typepad.com. **Ishka Voiculescu** is an engineer at the City of Austin

Public works and has extensive experience using the Autodesk Suite products for planning, design, and visualization. He is a member of various engineering groups, an active forum contributor, and blogs at civildigest.com.

Users Review

From reader reviews:

Patrick Sherman:

In this 21st millennium, people become competitive in each way. By being competitive currently, people have do something to make these individuals survives, being in the middle of the particular crowded place and notice by simply surrounding. One thing that occasionally many people have underestimated the item for a while is reading. Sure, by reading a book your ability to survive increase then having chance to endure than other is high. For you personally who want to start reading some sort of book, we give you that Mastering AutoCAD Civil 3D 2015: Autodesk Official Press book as nice and daily reading e-book. Why, because this book is more than just a book.

Mark McCarver:

This book untitled Mastering AutoCAD Civil 3D 2015: Autodesk Official Press to be one of several books that will best seller in this year, that is because when you read this book you can get a lot of benefit upon it. You will easily to buy this book in the book retail store or you can order it through online. The publisher of this book sells the e-book too. It makes you more readily to read this book, because you can read this book in your Cell phone. So there is no reason for you to past this guide from your list.

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