

# Mastering AutoCAD Civil 3D 2014: Autodesk Official Press

*by*  
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## Synopsis

The complete, detailed reference and tutorial for AutoCAD Civil 3D 2014. AutoCAD Civil 3D is the industry-leading civil engineering software, and this authoritative Autodesk Official Press book has been completely updated to offer you the latest tips, tricks, and techniques of this dynamic engineering program. Packed with new, real-world examples and practical tutorials, this book takes advantage of the authors' extensive experience and Civil 3D expertise, which allows them to share best practices and methods for creating, editing, displaying, labeling and presenting real-world civil engineering projects. Features a new, expanded section on advanced surveying tools. Offers in-depth, detailed coverage of surveying, points, alignments, surfaces, profiles, corridors, grading, LandXML and LDT Project Transfer, cross sections, pipe networks, visualization, sheets, and project management. Includes valuable content to help prepare you for the Civil 3D certification exams as well as downloadable datasets. Shares the most up-to-date topics and techniques of the real world to help prepare you for what you can expect. This comprehensive reference and tutorial is essential reading for gaining a thorough understanding of the key concepts of this engineering software.

## Sort review

From the Back Cover: Break New Ground with Civil 3D 2014 and This Expert Guide. Get the most out of Autodesk's powerful, leading-edge civil engineering software with Mastering AutoCAD® Civil 3D® 2014. An expert author team has updated this top-notch tutorial and reference to give you a fresh perspective on Civil 3D tools, techniques, and functions from basic to advanced. Learn a host of different ways to approach design tasks, with solid instruction backed by real-world examples and downloadable datasets, so you can jump right into projects. The book covers surveying, grading, corridor design, pipe networks, alignments, subassemblies, map tools, and much more—and also helps you prepare for Autodesk Civil 3D certification. Coverage includes: Understanding Civil 3D 2014, including all new tools and features; Creating, editing, and displaying all project elements; Handling field surveying, fieldbook data, and Civil 3D points; Simplifying the design of complex corridors, including roundabouts; Keeping parcel topology tight and labeling neat; Designing simple to complex pipe networks without pain; Creating custom subassemblies without advanced programming knowledge; Performing storm and sewer analysis and assessing impact; Importing, exporting, and sharing data; Design Corridors, Intersections, and Roundabouts; Master Surveying, Grading, and Pipe Network Design; Use Superelevation and Advanced Methods to Lay Out Complex Roadways; Configure Default Template Settings and Custom Styles; Prepare for the Civil 3D Certification Exam--This text refers to an out of print or unavailable edition of this title. About the Author: Louisa Holland is a civil engineer who has been training Civil 3D users since 2006. She has worked extensively with the WisDOT, Caltrans, and various consultants on Civil 3D implementations. Louisa is an Autodesk

Approved Instructor (AAI), an AutoCAD Civil 3D Certified Professional, and a regular speaker at Autodesk University (AU), AUGI, and other industry events. Cyndy Davenport has 27 years of experience in the land development industry and multiple Civil 3D certifications. She speaks regularly at AU and blogs at [c3dcougar.typepad.com](http://c3dcougar.typepad.com). Eric Chappell, EIT, is a Civil 3D consultant and award-winning trainer with more than 20 years of experience in the civil engineering field. He is the author of Civil 3D 2014 Essentials, a developer of Autodesk certification materials, a highly rated AU speaker, and an Autodesk Certified Instructor. He blogs at [ericchappell.blogspot.com](http://ericchappell.blogspot.com).--This text refers to an out of print or unavailable edition of this title.

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## What people say about this book

consumer1, "Good book for understanding autocad and civil 3d. Very detailed and compliments those YouTube videos you try to learn from. Has access to accompanying files for practice but still a bit difficult to get proficient quickly due to the software being so expensive and no way to get older versions for practice purposes. Be aware authors change after this edition so compare to see if this edition is better for you opposed to spending more money on the newest edition that might be edited."

Art, "Much better than the limited tutorial included with Civil 3D. Much better than the limited tutorial included with Civil 3D. Whenever I upgrade, I get the relevant book in this series to learn the new features."

Steven P Goodrich P.E., "Good Book. The book was plainly written. It included not only the normal text book instructional information on using the software but also examples that were more practical that represented using the software in real work situations. It was a good book. After using AutoCAD for 30 years and civil engineering design software for over 20 years this book did not just represent how to use the menus and drop downs, but how to do a project."

Gabe A., "Great Book. Has all the good tips for Civil 3D. My drafters use it more than I do. But it has had everything I have looked for."

Ebook Tops Reader, "The CAD 3d Book. This book will answer you questions about Civil 3D - So good my Colonel refer to it regularly."

RV, "Four Stars. I like books, an this makes an excellant referenceeven after reading the whole thing"

Aaron, "Four Stars. Easy to Follow, Covers a lot."

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