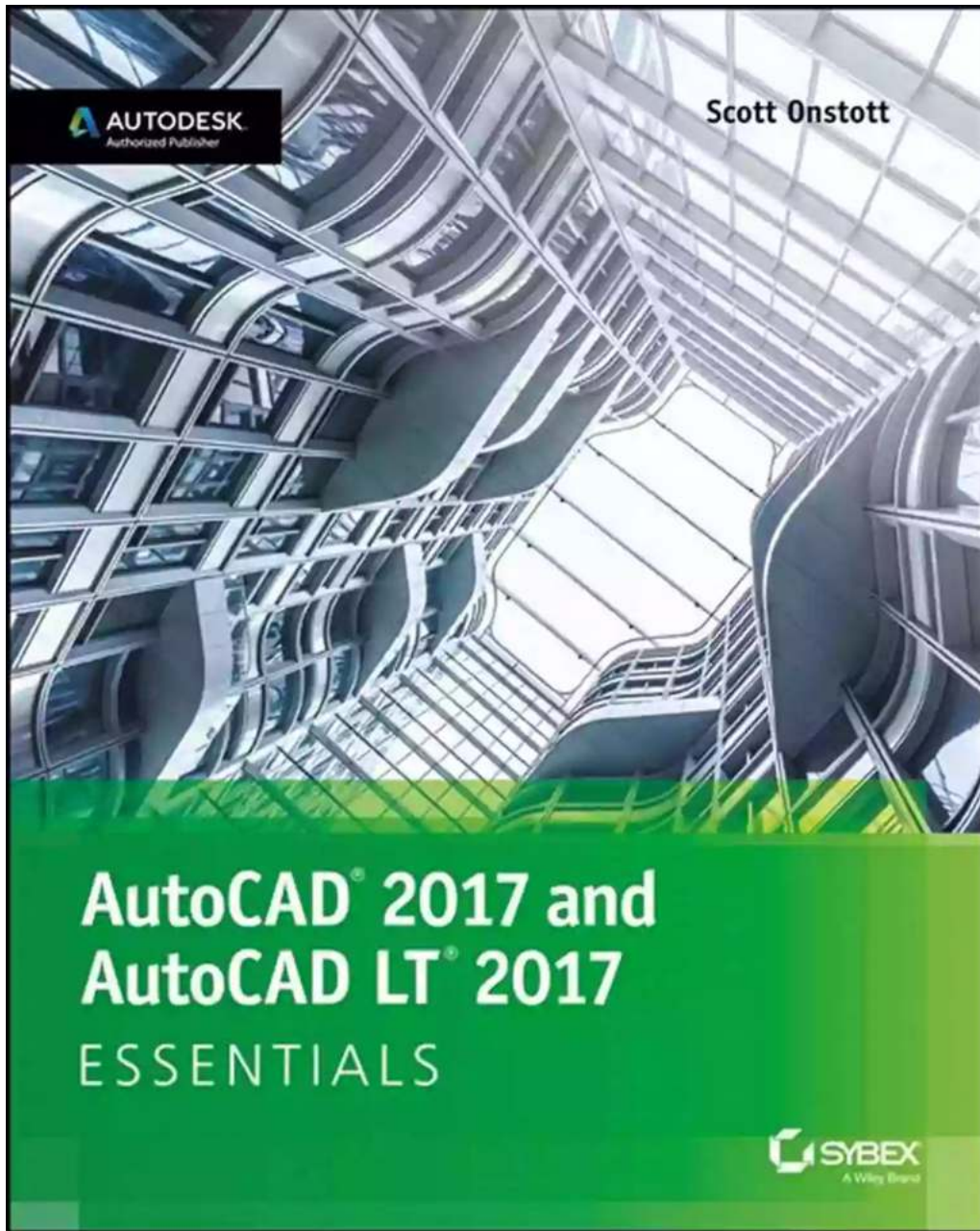# Master AutoCAD 2017 and AutoCAD LT 2017 with These Essential Tips and Tricks

Are you looking to become an expert in AutoCAD 2017 and AutoCAD LT 2017? Look no further! In this comprehensive guide, we will cover all the essential tips and tricks you need to know to master these powerful CAD software.

## What is AutoCAD?

AutoCAD is a computer-aided design (CAD) software that allows architects, engineers, and designers to create precise 2D and 3D drawings. With its extensive set of tools and features, AutoCAD has become the industry standard for drafting and designing in various fields.

### AutoCAD 2017 and AutoCAD LT 2017: Essentials

by Scott Onstott(1st Edition, Kindle Edition)

★★★★☆ 4 out of 5

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| Enhanced typesetting | : Enabled |
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## Why Learn AutoCAD 2017 and AutoCAD LT 2017?

AutoCAD 2017 and AutoCAD LT 2017 come packed with new features and enhancements that can significantly improve your productivity and efficiency. Whether you are a beginner or an experienced user, mastering these software versions can open up new career opportunities and help you accomplish complex design tasks with ease.

## Essential Tips and Tricks for AutoCAD 2017 and AutoCAD LT 2017:

## 1. Familiarize Yourself with the User Interface:

One of the first steps in mastering AutoCAD 2017 and AutoCAD LT 2017 is to get familiar with the user interface. Explore the various menus, toolbars, and panels

to understand the layout and organization of the software. Customizing the interface to suit your workflow can also enhance your productivity.

## 2. Master the Basic Drawing and Editing Tools:

To create accurate drawings, it is essential to learn and practice the basic drawing and editing tools in AutoCAD. These include commands like Line, Circle, Arc, and Trim. Understanding how to use these tools effectively can save you time and effort when working on your designs.

## 3. Efficiently Use Layers and Object Properties:

Organizing your drawings using layers can help you manage and control the visibility of different elements. Familiarize yourself with layer properties, such as color, linetype, and lineweight, to create visually appealing and understandable drawings. Additionally, understand object properties like line types and hatch patterns to further enhance your designs.

## 4. Utilize Blocks and Attributes:

Blocks are pre-defined collections of objects that can be easily reused in your designs. Learning how to create and use blocks can save you time and ensure consistency in your drawings. Attributes, on the other hand, allow you to add additional information to your blocks, making them more versatile and efficient.

## 5. Master Dimensioning and Annotations:

Accurate dimensioning is crucial in communicating design intent. Learn how to use dimensioning tools effectively, including linear, angular, and radial dimensions. Additionally, explore annotation tools like text, leaders, and tables to provide additional information within your drawings.

## 6. Harness the Power of 3D Modeling:

AutoCAD 2017 offers powerful 3D modeling capabilities that can take your designs to the next level. Learn how to create and edit 3D objects, apply materials and textures, and render your models for realistic presentations. Whether you need to design complex architectural structures or mechanical parts, 3D modeling can transform your workflow.

**:**

By investing time and effort into mastering AutoCAD 2017 and AutoCAD LT 2017, you can significantly enhance your drafting and designing skills. The essential tips and tricks outlined in this guide will provide you with a solid foundation to tackle a wide range of design projects and open up new opportunities in your career. So, start exploring the vast capabilities of AutoCAD and unlock your true designing potential!

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Hands-on AutoCAD 2017 instruction for a real-world workflow

AutoCAD 2017 and AutoCAD LT 2017 Essentials is the unique task-based tutorial designed for both students and the professional AutoCAD user. Concise,

straightforward explanations and real-world, hands-on exercises provide an authoritative, easy-to-follow guide to the platform's core features and functions. Step-by-step tutorials are backed by full-color screenshots, and each chapter ends with an open-ended project to reinforce the chapter's lessons and provide a fully immersive learning experience. The companion website features downloadable before-and-after tutorial files, so you can jump in at any point and compare your work with the pros. This new edition has been fully updated to align with AutoCAD's newest features and capabilities, and features a more approachable, easy-to-read style based on instructor and reader feedback to help you get up to speed and quickly become productive with the software.

AutoCAD is the leading design and drawing software, and an essential skill for designers, architects, and engineers. Whether you're new to the software, upgrading, or preparing for certification, this no-nonsense guide is your ideal resource for complete AutoCAD instruction.

- Master 2D drawing using splines, polylines, layers, and objects

- Add detail with hatching, gradients, text, and dimensions

- Convert your design into a 3D model for a walk-through tour

- Import, print, edit, and present your final design

By following a real-world professional workflow throughout the learning process, you develop a highly relevant set of skills that easily transfer into real-world projects. This book walks you through the design of a house, emphasizing skills rather than tools to equip you with an array of solutions for any AutoCAD task. If you're serious about AutoCAD and ready to get down to work, AutoCAD 2017 and AutoCAD LT 2017 Essentials is the guide you need at your fingertips.

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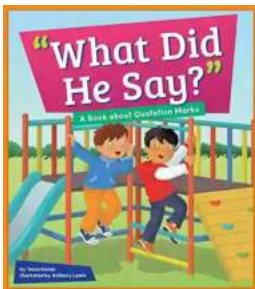
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