

# ABOUT THE BOOK

This is the most comprehensive book about AutoCAD 2025 – 2D drafting on the market. It is divided into three major parts:

- *Essentials*: from Chapter 1 to Chapter 10. It assumes that the reader has no previous experience in AutoCAD; hence it starts from scratch. Chapter 10 contains three projects – one architectural, and two mechanical using *both Imperial and metric units*.
- *Intermediate*: from Chapter 11 to Chapter 18. It contains a deeper discussion on a subject we touched on in the Essentials part, or a new advance feature.
- *Advanced*: from Chapter 19 to Chapter 26. It discusses the most advanced features of AutoCAD 2025.

If you don't have any prior experience in AutoCAD this book is a perfect start, and you can stop at the end of any part. But if you want to be a real power user of AutoCAD, you should go through all 26 chapters, solving all projects and practices.

This book is also a good source to prepare for the *AutoCAD Certified Professional* exam.

The chapters are divided as follows:

- Chapter (1) covers AutoCAD basics along with the interface
- Chapter (2) covers AutoCAD techniques to draw with accuracy
- Chapters (3 & 4) cover all modifying commands
- Chapter (5) covers the AutoCAD method of organizing the drawing using layers and inquiry commands
- Chapter (6) covers the methods of creating and editing blocks, and inserting and editing hatches
- Chapter (7) covers AutoCAD methods of writing text
- Chapter (8) covers how to create and edit dimensions in AutoCAD
- Chapter (9) covers how to plot your drawing
- Chapter (10) includes three projects, one architectural and two mechanical, covering both metric and imperial units
- Chapter (11) covers the creation of more 2D objects
- Chapters (12 & 13) cover advanced practices and techniques
- Chapter (14) covers Block tools and Block Editing
- Chapter (15) covers the creation of Text Style and Table Styles along with Formulas in tables
- Chapter (16) covers the creation of Dimension Style & Multileader style plus adding multileaders

- Chapter (17) covers the creation of Plot styles, the meaning of Annotative, and DWF creation
- Chapter (18) covers how to create a template file and customize AutoCAD interface
- Chapter (19) covers Parametric Constraints
- Chapter (20) covers Dynamic Blocks
- Chapter (21) covers Block Attributes
- Chapter (22) covers External Reference
- Chapter (23) covers Sheets Sets
- Chapter (24) covers CAD Standards and Advanced Layer Commands
- Chapter (25) covers Importing PDF files, Design Views, AutoCAD Web, Mobile Apps
- Chapter (26) covers the Drawing Compare Function