



The objective of AutoCAD/AutoCAD LT 2016 Essentials is to enable students to create a basic 2D drawing in the AutoCAD software. Even at this fundamental level, the AutoCAD software is one of the most sophisticated computer applications that you are likely to encounter. Therefore learning to use it can be challenging.

AutoCAD/AutoCAD LT 2016 Essentials covers the essential core topics for working with the AutoCAD software. The teaching strategy is to start with a few basic tools that enable the student to create and edit a simple drawing, and then continue to develop those tools. More advanced tools are also introduced throughout the training guide. Not every command or option is covered, because the intent is to show the most essential tools and concept



Course Outline

PART 1

- LESSON 1-1: INTRODUCTION TO AUTOCAD
- LESSON 1-2: INTRODUCTION TO DRAWING & MODIFYING
- LESSON 1-3: TRIM / EXTEND / OFFSET / OSNAPS
- LESSON 1-4: ACCURATE INPUT EXERCISE
- LESSON 1-5: SELECTING OBJECTS IN AUTOCAD
- LESSON 1-6: MOVE / COPY / STRETCH / MIRROR
- LESSON 1-7: ROTATE / FILLET / CHAMFER / ARRAY
- LESSON 1-8: LAYERS / DIMENSIONING / TEXT / SCALE
- LESSON 1-9: DDE AND OBJECT TRACKING
- LESSON 1-10: CHANGING THE PROPERTIES OF OBJECTS
- LESSON 1-11: ZOOMING AND PANNING
- LESSON 1-12: ORTHOGRAPHIC PROJECTION
- LESSON 1-13: SECTION VIEWS

PART 2

- LESSON 2-1: PLANNING A PROJECT - OFFICE FLOOR PLAN
- LESSON 2-2: INTRODUCTION TO BLOCKS - CREATING AND INSERTING
- LESSON 2-3: ALIGN AND ROTATE
- LESSON 2-4: ATTRIBUTES - NON-GRAPHICAL INFORMATION
- LESSON 2-5: HATCHING - FILLING AREAS
- LESSON 2-6: WORKING WITH TEXT
- LESSON 2-7: POLYLINES
- LESSON 2-8: LAYOUT TABS / PAPER SPACE
- LESSON 2-9: PARAMETRIC CONSTRAINTS
- LESSON 2-10: ELEVATION DRAWINGS

PART 3

- LESSON 3-1: INTRODUCTION TO 3-D DRAFTING

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