COURSE SYLLABUS

# AutoCAD Course Online (Self-Paced)

Build a solid foundation in AutoCAD and computer-aided design with this comprehensive training bundle. Learn to create precise drafting symbols, detailed floor plans, and professional construction documents while mastering essential AutoCAD tools used in professional design workflows.

Group classes (Live Online) and onsite training are available for this course. For more information, email corporate@nobledesktop.com or visit: https://www.nobledesktop.com/classes/autocad-fundamentals-bundle



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## Course Outline

This package includes these courses

- Introduction to AutoCAD (Self-Paced) (30 Hours)
- Intermediate AutoCAD (Self-Paced) (30 Hours)

### Introduction to AutoCAD (Self-Paced)

We start at the very beginning, using AutoCAD to draw drafting symbols, kitchen and bath fixtures, and then create a floor plan. We assemble everything into one sheet file. Learn about Drawing on Layers, Adding Text, Dimensions & Plotting.

- Create drafting symbols, kitchen and bath fixtures, a floor plan and integrate all information into one deliverable sheet file
- Distinguish the differences required to generate drawings for use as annotation and real-world model components
- Create and insert blocks and externally reference files and determine the appropriate times to apply those skill sets
- Master file management, drafting on layers, integrating drawing component files and plotting while creating on the class residential project

### Intermediate AutoCAD (Self-Paced)

Use AutoCAD to draw an abbreviated set of construction documents for a residential project: floor plan, roof plan, foundation plan, electrical plan & building elevations. Create, insert and link drawings. Learn the best workflow.

- Create an abbreviated set of construction documents including floor plan, foundation plan, electrical plan and building elevations for a small residential project
- Create and insert blocks, externally reference files and determine the appropriate times to apply those skill sets to optimize project efficiency
- Demonstrate layer and file management, external file referencing, use of model/layout environments and user coordinate systems
- Apply intermediate-level skills including layer management, user coordinate system development, creating sheet layout environments and plotting