

Computer-Aided Drafting with AutoCAD

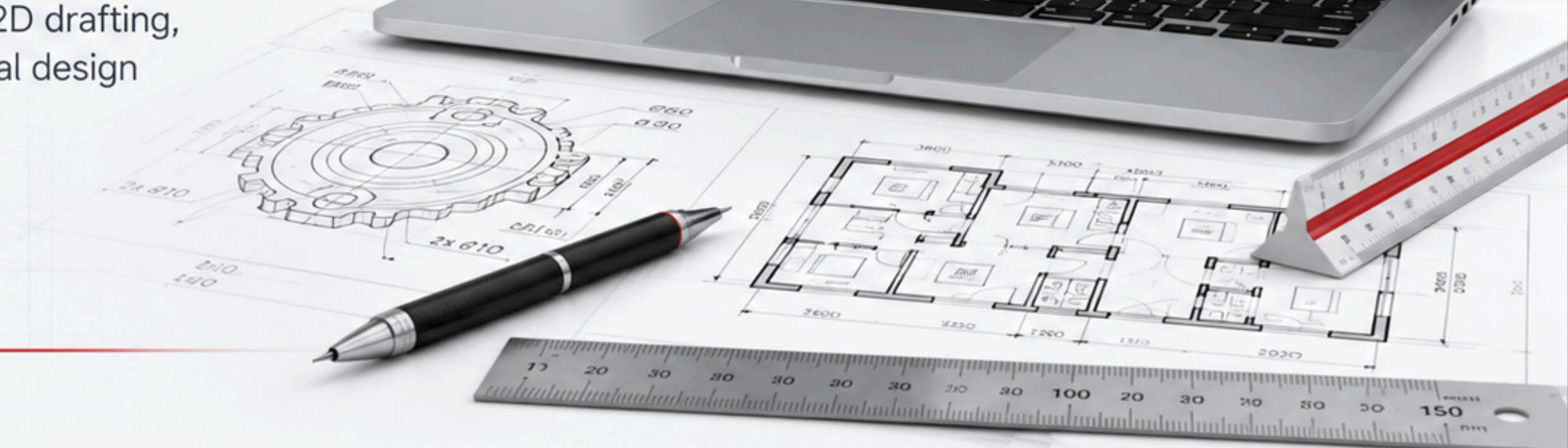
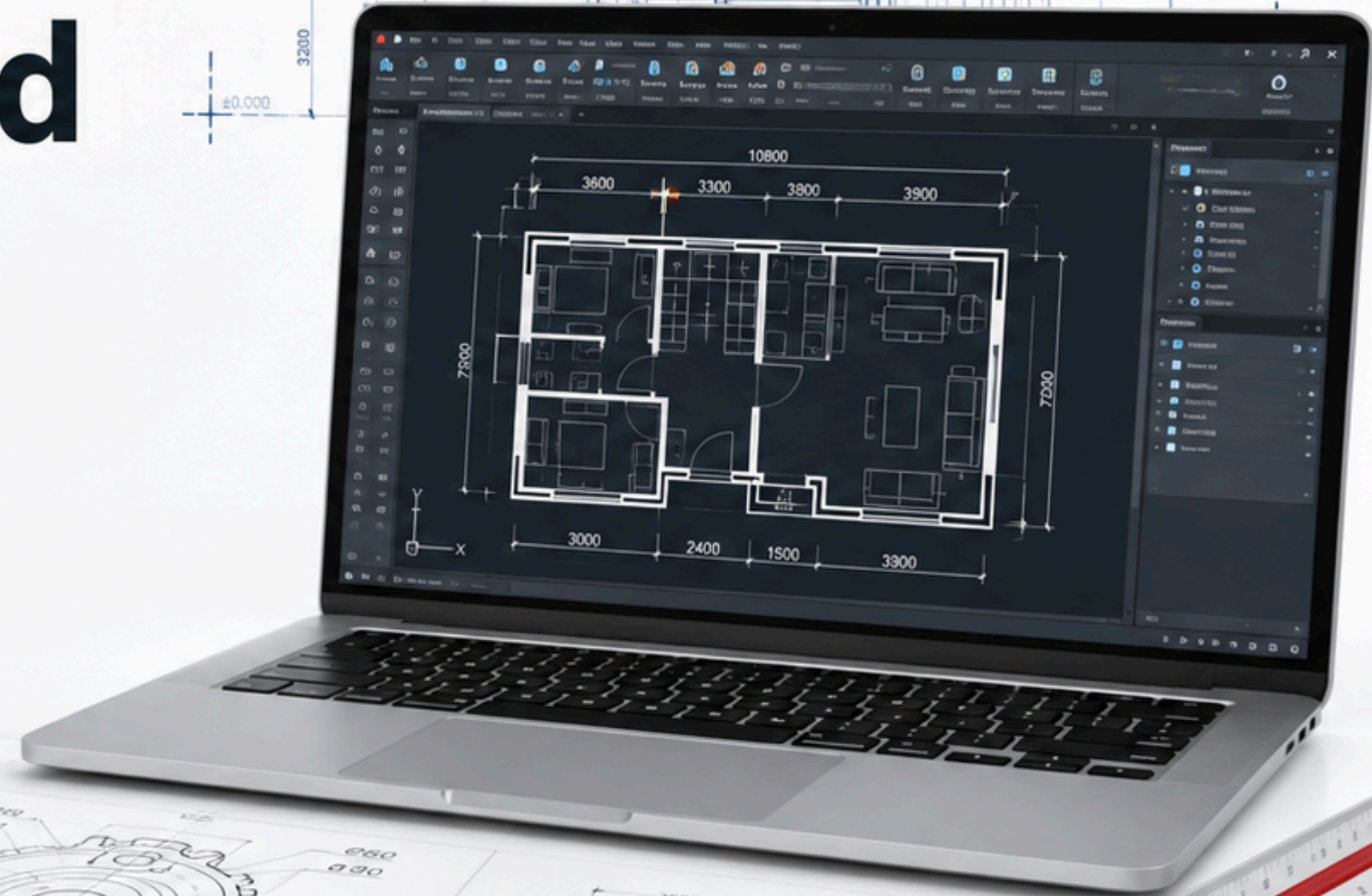


Course Introduction

Learn the fundamentals of 2D drafting, technical drawing, and digital design communication.



Faculty of Fine and Applied Arts
Digital Design and Innovation Program



Why Learn AutoCAD?



Industry-standard software for technical drawing



Create accurate 2D plans, elevations, and details



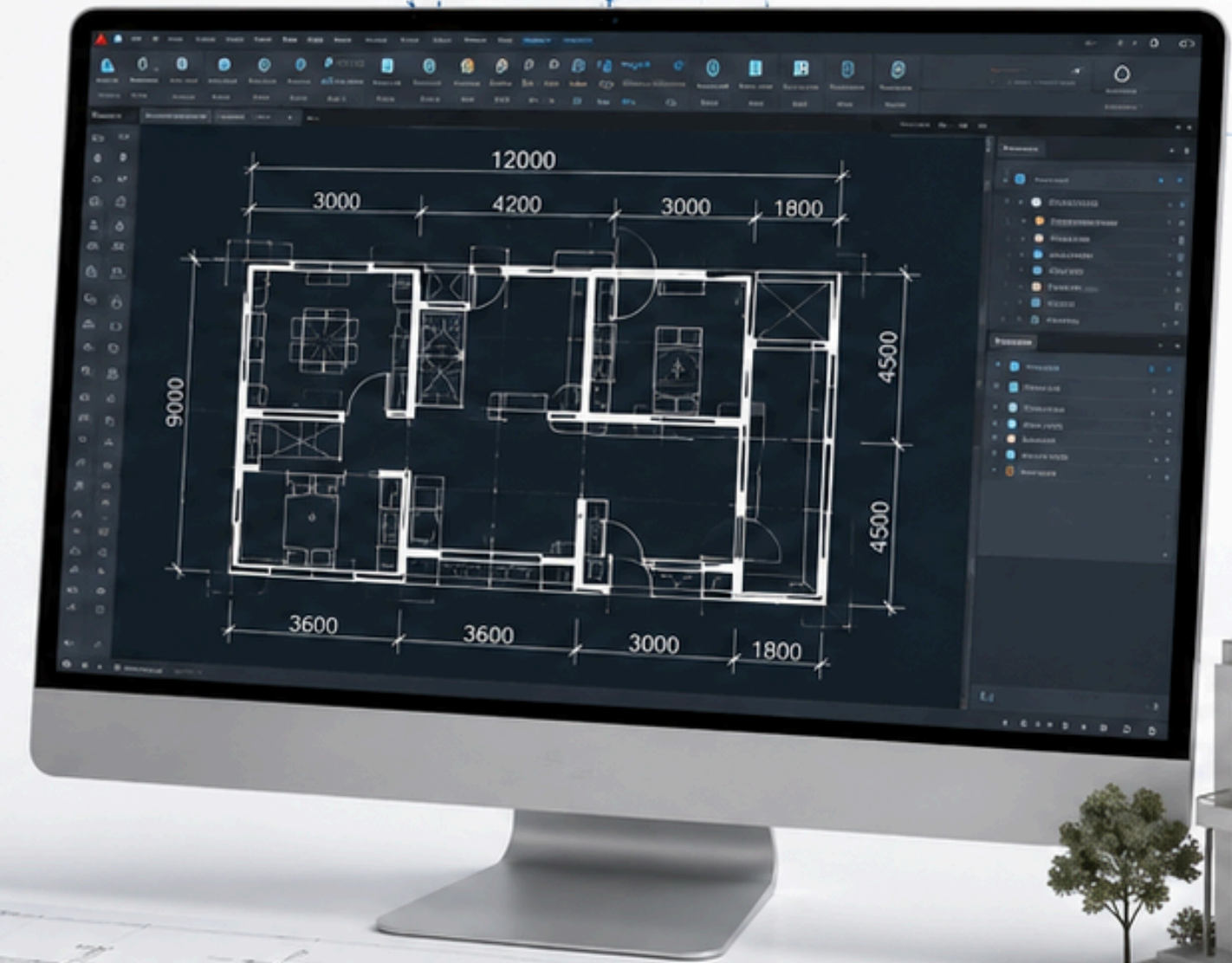
Edit and revise drawings quickly and efficiently



Communicate design ideas clearly and professionally

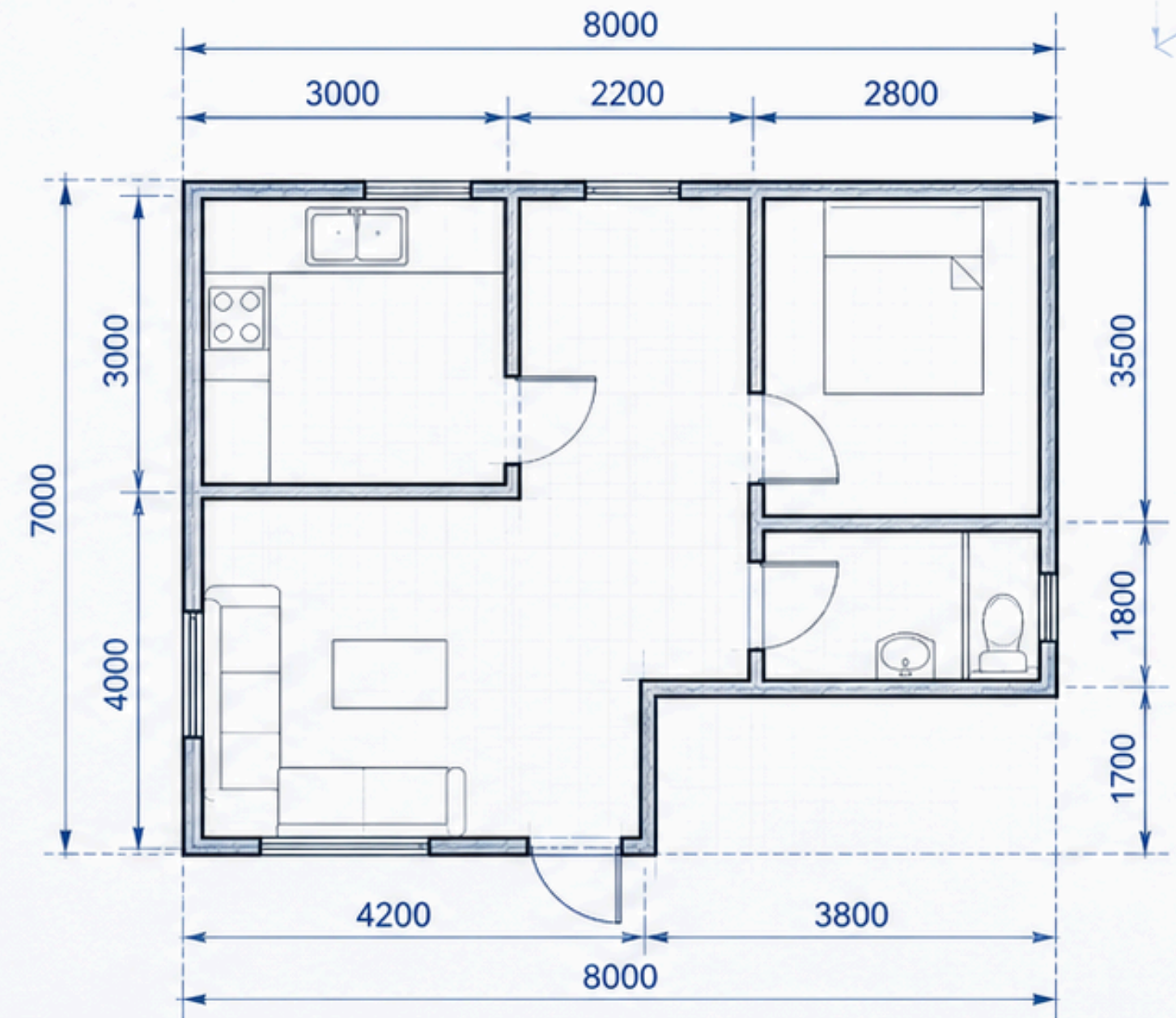


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Learning Outcomes

- ✓ **1.** Understand the AutoCAD interface and essential commands
- ✓ **2.** Draw and edit basic 2D objects accurately
- ✓ **3.** Use layers, text, and dimensions effectively
- ✓ **4.** Prepare technical drawings for presentation and printing



Course Topics



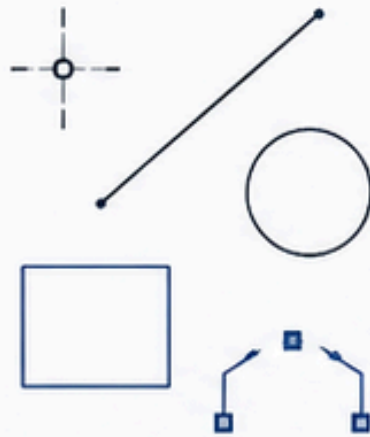
01

Introduction to
AutoCAD



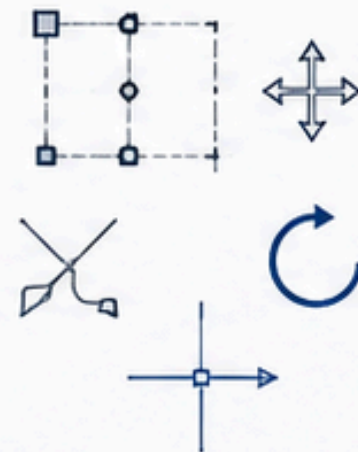
02

Drawing
Tools



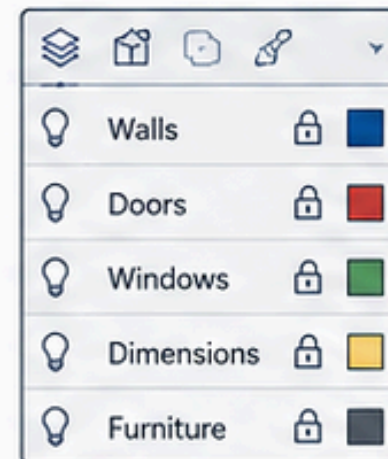
03

Editing
Tools



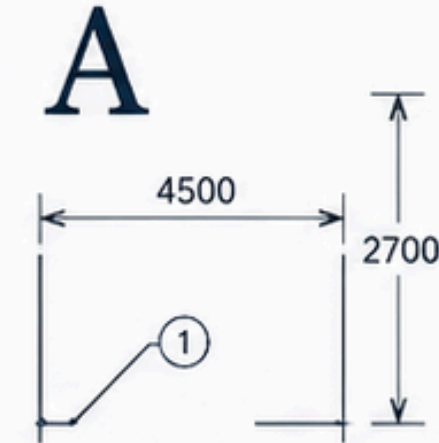
04

Layers and
Object Properties



05

Text, Dimensions,
and Annotation



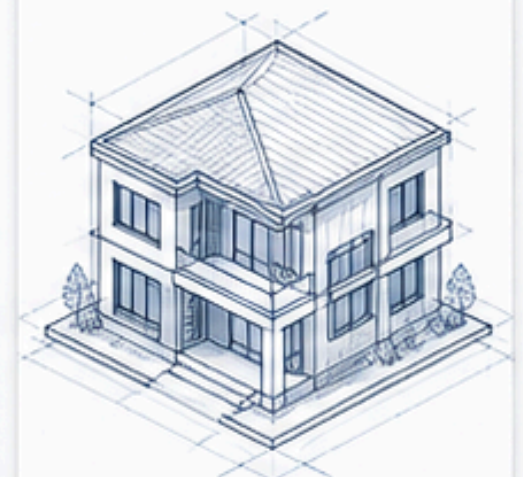
06

Layouts, Plotting,
and Printing



07

Final Drawing
Project

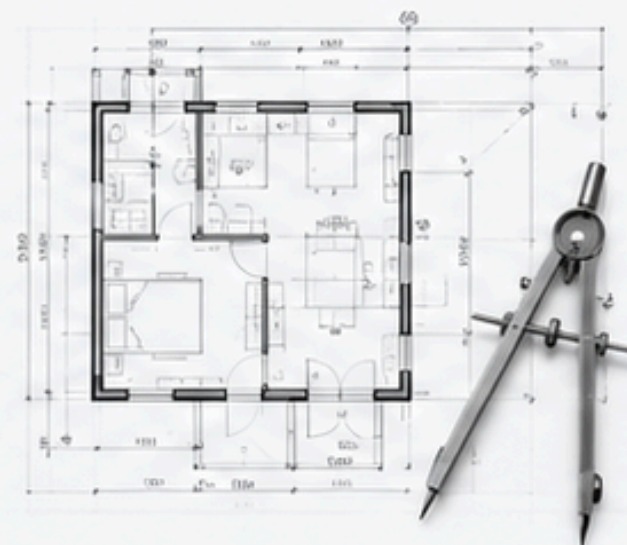
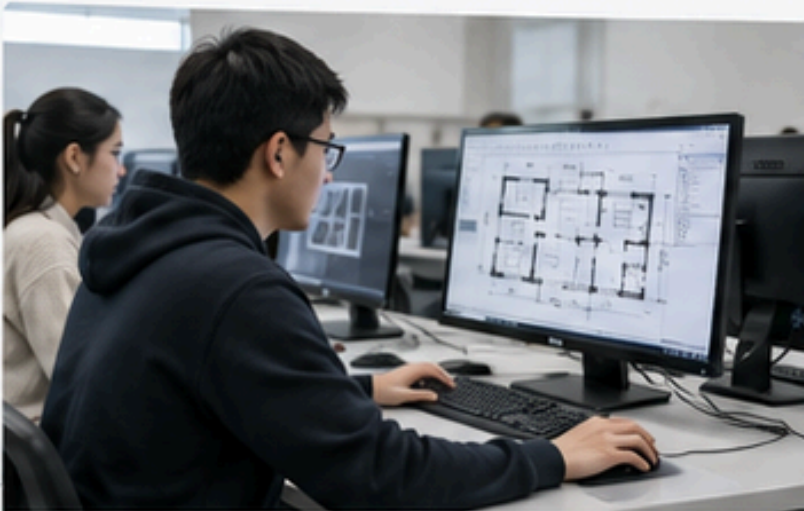


Learning Activities and Assessment



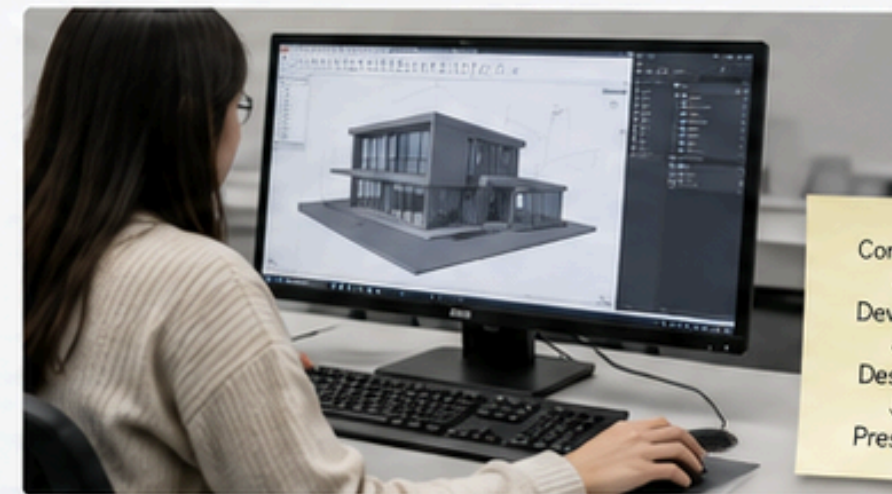
Learning Activities

- ››› Lectures and demonstrations
- ››› Guided computer practice
- ››› Drawing exercises and assignments
- ››› Mini project and final project



Assessment

- ››› Class participation
- ››› Practice exercises
- ››› Assignments
- ››› Final drawing project



Concept
↓
Develop
↓
Design
↓
Present



Build a strong foundation for digital drafting and design communication.

