

AutoCAD: Essentials Overview

This four-day class is designed for anyone who needs to learn how to edit or create AutoCAD drawings, including beginners, self-taught, or anyone needing a refresher course. This course covers drawing and modifying tools, analyzing drawings, working with blocks, creating external references, setting up layouts, printing, and annotating drawings.

LEARNING OUTCOMES

- Understand the AutoCAD user interface
- Use drawing, editing, and viewing tools
- Organize the drawing with layers
- Work with blocks and external references
- Create Layouts and utilize printing tools
- Work with and edit drawing annotations

COURSE LENGTH 4 DAYS

PREREQUISITES

1. Basic drafting/design knowledge
2. Students must have their own Autodesk software installed and working before the first day of class. We cannot troubleshoot software installation during class time.

COURSE TOPICS

Getting Started

Drawing & Editing Commands

Drawing Precision

Making Changes to Drawings

Layers

Advanced Object Types

Analyzing Properties

Advanced Editing Commands

Intro to Blocks

Setting Up a Layout

Printing

Text

Hatching

Dimensions

- All classes are delivered live online via Microsoft Teams, 7:00 am–2:30 pm PT / 10:00 am–5:30 pm ET.
- Students must have their own Autodesk software installed and working before the first day of class. We cannot troubleshoot software installation during class time.
- All classes include access to an e-book training manual.
- All students who complete the course are eligible to receive an Autodesk Certificate of Completion.
- Course outcomes, pre-requisites, and topics may change based upon software version.