

# AutoCAD AI Features



**Days:** 1

**Audience:** Professionals who want to explore the next generation of cutting-edge design tools.

**Prerequisites:** Knowledge of basic computer navigation, basic design/drafting procedures and terminology, and AutoCAD experience.

**Description:** You can't go anywhere without hearing the ubiquitous AI. It's everywhere. In 2025 AutoCAD introduced some AI features that will revolutionize the design world. Just like CADD revolutionized board drafting.

**Course Objectives:** In this course, you will learn:

- Smart Blocks
- AI-Assisted Drawing
- Automatic Layer Management
- Enhanced 3D Modeling
- Real-Time Collaboration

## TOPICS COVERED:

- **CHAT GPT CAN CREATE COMMANDS AND AUTOMATE TASKS IN AUTOCAD**
- **THE SMART COMMAND PREDICTIONS USES MACHINE LEARNING TO ANTICIPATE / SUGGEST FREQUENTLY USE COMMANDS**
- **AUTODESK ASSISTANT USES AI WHICH UNDERSTANDS AND RESPONDS TO CONVERSATIONAL QUERIES**
- **SMART BLOCKS SEARCHES AND CONVERTS OBJECTS TO AI-SUGGESTED, EXISTING OR NEW BLOCKS**
- **MARKUP WORKFLOWS ENABLE SEAMLESS CROSS-PLATFORM COLLABORATION AND REVIEW PROCESSES.**
- **AUTODESK DOCS IS A CLOUD-BASED DATA ENVIRONMENT IN THE AUTODESK CONSTRUCTION CLOUD**
- **HATCH IMPROVEMENTS ADD WITHOUT PRE-DEFINED BOUNDARIES**
- **COMPREHENSIVE ACTIVITY INSIGHTS FEATURE PROVIDES A CENTRALIZED VIEW OF ALL DESIGN ACTIVITIES**