



AUTODESK/AUTOCAD TRAINING

Autodesk Autocad 2019

Master intermediate Autodesk AutoCAD 2019 skills. Learn to create precise 2D and 3D designs for engineering and architectural projects.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

This intermediate-level Autodesk AutoCAD 2019 course is meticulously designed for professionals seeking to elevate their 2D drafting and design capabilities. Building upon foundational AutoCAD knowledge, this program delves into sophisticated tools and techniques for creating highly precise, organized, and presentation-ready technical drawings. Participants will master advanced drawing commands, efficient object manipulation, and professional documentation methods essential for complex projects across various industries. The curriculum emphasizes practical application, allowing students to work with real-world scenarios to solidify their understanding of AutoCAD 2019's powerful features. You will learn to leverage dynamic blocks, external references, advanced annotation styles, and robust plotting techniques to streamline workflows and enhance design accuracy. By completing this course, you will not only improve your drafting speed and precision but also gain the confidence to handle intricate design challenges, making you an invaluable asset in any design or engineering team.

Level	Intermediate
Vendor	Autodesk/AutoCAD

COURSE CURRICULUM

01 Module 1: Refining 2D Drawing & Editing

- Advanced Geometric Constructions
- Precise Input Methods and Object Snaps
- Using Grips for Efficient Editing
- Selection Cycling and Object Grouping
- Working with Complex Polylines and Splines

02 Module 2: Advanced Object Organization & Management

- Mastering Layers and Layer States
- Utilizing Layer Filters and Overrides
- Working with Object Properties and Quick Select
- Understanding and Applying Annotative Scaling
- Introduction to DesignCenter for Content Reuse

03 Module 3: Dynamic Blocks & External References

- Creating and Editing Dynamic Blocks
- Adding Attributes and Data Extraction
- Managing Block Libraries and Block Editor
- Understanding and Attaching External References (XREFs)
- Working with XREF Overlays and Clipping Boundaries
- Binding and Reloading XREFs

04 Module 4: Professional Annotation & Documentation

- Advanced Dimensioning Techniques and Styles
- Creating and Managing Multileaders
- Working with Text Styles and Fields
- Creating and Editing Tables
- Introduction to Sheet Sets for Project Management
- Publishing and Archiving Sheet Sets

Module 5: Layouts, Plotting & Data Exchange

- 05**
- Mastering Model Space vs. Paper Space Workflows
 - Configuring Viewports and Plotting Scales
 - Creating and Applying Plot Styles (CTB/STB)
 - Page Setup Manager and Plotting to DWF/PDF
 - Batch Plotting and Publishing Multi-Sheet Drawings
 - Exporting and Importing Data (e.g., DGN, SAT)

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Senior CAD Drafter (Architecture)**
- > **Civil Engineering CAD Technician (Intermediate)**
- > **Mechanical Design Detailer**

FREQUENTLY ASKED QUESTIONS

Q: What prerequisite knowledge or experience is recommended before enrolling in the Autodesk AutoCAD 2019 Intermediate course?

This course is designed for individuals who possess a fundamental understanding of AutoCAD. You should be familiar with basic drawing and editing commands, object selection methods, layer creation, and simple dimensioning. Prior completion of an introductory AutoCAD course or equivalent hands-on experience in 2D drafting is highly recommended to ensure you can fully benefit from the advanced topics covered.

Q: How will mastering Autodesk AutoCAD 2019 at an intermediate level specifically benefit my career in the AEC industry?

Mastering intermediate AutoCAD 2019 skills will significantly enhance your value in the Architecture, Engineering, and Construction (AEC) industry. You'll gain proficiency in creating standardized, complex drawings efficiently, manage large project data using XREFs and dynamic blocks, and produce professional-grade documentation. This positions you for roles requiring advanced drafting, detailing, and coordination, leading to increased responsibility and career advancement opportunities as a more specialized CAD professional.

Q: What specific advanced drafting techniques will I learn that are crucial for creating precise and efficient designs in AutoCAD 2019?

In this course, you will learn to utilize advanced techniques such as dynamic block creation for intelligent components, efficient management of external references (XREFs) for collaborative projects, sophisticated annotative scaling for consistent text and dimensions across varying scales, and the strategic use of sheet sets for organized project documentation. These skills are vital for producing highly accurate, professional, and easily manageable CAD drawings.

ABOUT COMPUTER PRIDE



computerpride

East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke