



AUTODESK/AUTOCAD TRAINING

Autodesk Revit

Master Autodesk Revit for BIM. Learn to design, document, and collaborate on architectural and engineering projects.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

Autodesk Revit is the industry-leading Building Information Modeling (BIM) software that empowers architectural, engineering, and construction (AEC) professionals to design with accuracy and efficiency. This intermediate-level course dives beyond basic functionality, equipping participants with advanced techniques for creating intelligent 3D models and comprehensive project documentation. You'll master collaborative workflows, parametric modeling, and the integration of various building systems to produce coordinated, data-rich designs.

This certification is crucial for professionals seeking to elevate their BIM proficiency and drive project success. By understanding how to leverage Revit's powerful tools for detailed design, analysis, and documentation across disciplines, you will significantly enhance project accuracy, reduce costly errors, and improve communication among project stakeholders. Graduates will be prepared to tackle complex design challenges and contribute to more efficient project delivery in a BIM-driven environment.

Level	Intermediate
Vendor	Autodesk/AutoCAD

COURSE CURRICULUM

01 Module 1: Advanced Revit Concepts & Project Setup

- Review of BIM principles and Revit interface
- Setting up project templates and standards
- Managing shared coordinates and linked files
- Phasing and design options for complex projects
- Introduction to Family Creation principles

02 Module 2: Advanced Architectural Modeling

- Site modeling and topography
- Complex curtain wall systems and custom components
- In-place massing and conceptual design tools
- Advanced stair and railing design
- Detailed room and area analysis

03 Module 3: Structural & MEP Systems Integration

- Modeling structural elements (columns, beams, foundations)
- Creating and modifying HVAC ductwork and piping systems
- Electrical circuiting, lighting, and power distribution
- Clash detection and interference checking across disciplines
- Managing system zones and spaces

04 Module 4: Documentation, Schedules & Visualization

- Creating detailed schedules and material take-offs
- Advanced annotation and dimensioning techniques
- Sheet composition and publishing strategies
- Rendering and walkthrough generation
- Exporting and importing data for analysis and collaboration

05 Module 5: Worksharing and Collaboration

- Implementing worksharing in a multi-user environment

- Managing central models and local files
- Performing audits and maintaining model health
- Linking and coordinating with other software (e.g., AutoCAD, Navisworks)
- Using design options and collaboration tools

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **BIM Coordinator (Intermediate Level)**
- > **Architectural Technologist**
- > **MEP (Mechanical, Electrical, Plumbing) Modeler**

FREQUENTLY ASKED QUESTIONS

Q: What level of prior Revit experience is recommended before enrolling in this intermediate course?

This course is designed for individuals who already possess foundational knowledge of Autodesk Revit, including basic navigation, element creation (walls, floors, doors, windows), and fundamental documentation skills. Participants should be comfortable with the Revit interface and have completed an introductory-level Revit course or have equivalent practical experience.

Q: How will mastering intermediate Revit skills enhance my career prospects in the AEC industry?

Acquiring intermediate Revit skills significantly boosts your employability and career trajectory by enabling you to handle more complex projects, contribute to BIM execution plans, and effectively coordinate with multidisciplinary teams. You'll be qualified for roles that require deeper understanding of BIM workflows, advanced modeling techniques, and data-rich project management, setting you apart as a valuable asset in a competitive market.

Q: Does this course cover specific industry standards or best practices for using Revit in Kenya's construction sector?

While the core principles and software functionalities taught are globally applicable, this course incorporates best practices aligned with international BIM standards (e.g., ISO 19650 principles) which are increasingly adopted in Kenya. We emphasize efficient workflows, project setup, and documentation techniques that are crucial for successful project delivery in the local AEC landscape, preparing you to meet evolving industry demands.

ABOUT COMPUTER PRIDE



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

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READY TO ENROL?

Take the next step in your technology career.

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