



AUTODESK/AUTOCAD TRAINING

Autodesk Revit Online

Master Autodesk Revit online to design accurate BIM models for architectural, structural, and MEP projects efficiently.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

Unlock your potential in the Architecture, Engineering, and Construction (AEC) industry with our intermediate Autodesk Revit Online course. This comprehensive program is meticulously designed to elevate your proficiency in Building Information Modeling (BIM), moving beyond basic functionalities to advanced techniques. You will delve into sophisticated modeling, documentation, and collaboration features of Revit, equipping you with the skills to tackle complex project challenges and produce high-quality, intelligent building models. This course emphasizes hands-on practical application, ensuring you gain confidence in real-world scenarios.

Mastering Autodesk Revit is no longer just an advantage but a necessity in today's rapidly evolving construction landscape. This online certification focuses on core technologies like parametric modeling, worksharing, advanced family creation, and detailed project documentation, all critical components for efficient project delivery. By completing this course, you will not only enhance your technical capabilities but also significantly improve your ability to contribute to integrated project workflows, reducing errors and increasing overall project efficiency. Elevate your career prospects and position yourself as a valuable asset to any modern design or construction team.

The benefits extend beyond mere software operation; you will develop a deeper understanding of BIM principles and their practical implementation. This includes optimizing design processes, improving communication across disciplines, and generating precise project data for better decision-making. Whether you are an architectural technician, a structural drafter, or an MEP designer looking to specialize, this course provides the advanced toolkit needed to excel in a collaborative BIM environment.

Level	Intermediate
Vendor	Autodesk/AutoCAD

COURSE CURRICULUM

01 Module 1: Advanced Project Setup and Collaboration

- Understanding and Implementing Worksharing
- Setting up Central Models and Local Files
- Linking Revit Models and CAD Files
- Managing Project Phasing and Design Options
- Shared Coordinates and Positioning

02 Module 2: Advanced Modeling Techniques and Family Creation

- Complex Massing and Conceptual Design
- In-Place Families vs. Loadable Families
- Creating Parametric Families (Basic to Intermediate)
- Adaptive Components and Pattern-Based Curtain Walls
- Site Modeling and Toposurface Manipulation

03 Module 3: Advanced Documentation and Annotation

- Customizing Annotation Families and Tags
- Creating Advanced Schedules and Quantity Take-offs
- Detailing Components and Repeating Details
- Sheet Composition and Plotting Strategies
- Legend Views and Key Schedules

04 Module 4: Visualization and Presentation

- Rendering with Autodesk Raytracer and Arnold
- Creating Walkthroughs and Animations
- Cloud Rendering and A360 Integration
- Graphic Display Options and Visual Styles
- Exporting for Presentation and Fabrication

05 Module 5: Introduction to Cross-Disciplinary Coordination

- Reviewing and Coordinating Linked Models
- Basic Clash Detection Principles (Preparation for Navisworks)
- Data Exchange with Other Disciplines (IFC Export/Import)
- Understanding MEP and Structural Element Placement for Coordination
- Utilizing Shared Parameters for Interoperability

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **BIM Modeler (Architectural/Structural/MEP)**
- > **Architectural Revit Technician**
- > **Junior BIM Coordinator**

FREQUENTLY ASKED QUESTIONS

Q: What specific advanced modeling techniques will I master in this online Revit course that will distinguish my portfolio?

This course will equip you with expertise in advanced Revit modeling techniques such as complex massing for conceptual design, creating custom parametric families from scratch, and utilizing adaptive components for intricate forms. You'll also learn advanced site modeling and terrain manipulation, enabling you to tackle unique design challenges and showcase a highly sophisticated skill set in your professional portfolio.

Q: What are the prerequisite skills or software knowledge recommended before enrolling in this intermediate Autodesk Revit Online course?

To get the most out of this intermediate Revit course, we recommend having a foundational understanding of Revit. This includes familiarity with the user interface, basic element creation (walls, floors, doors, windows), navigation within a project, and a general grasp of BIM concepts. While not strictly required, prior experience with architectural drafting principles or basic CAD software can also be beneficial.

Q: How does this course prepare me for collaborative BIM projects and what tools will I use for interdisciplinary coordination?

This course places a strong emphasis on collaborative BIM workflows. You will learn to work effectively in a shared project environment using Revit's worksharing features, including setting up central models and managing local files. You'll master linking and coordinating various models (architectural, structural, MEP) and understand the principles of shared coordinates. While the course focuses on Revit's internal coordination tools, it also covers data exchange methods like IFC export/import, preparing you to integrate seamlessly into multi-disciplinary project teams using industry-standard

practices.

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+

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READY TO ENROL?

Take the next step in your technology career.

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