



AUTODESK/AUTOCAD TRAINING

Autodesk Revit Essentials Language Course

Master Autodesk Revit essentials to design and document BIM projects efficiently. Unlock advanced architectural modeling skills.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The Autodesk Revit Essentials Language Course is your comprehensive gateway into the world of Building Information Modeling (BIM) using the industry-leading software, Autodesk Revit. This course is meticulously designed for architectural, structural, and MEP professionals, as well as students and aspiring BIM specialists, who wish to master the fundamental "language" and core functionalities of Revit. You will gain a deep understanding of Revit's parametric modeling capabilities, learn to navigate its intuitive interface, and effectively create intelligent 3D models that serve as a central source of information for an entire project lifecycle.

This foundational training emphasizes hands-on application, covering everything from creating basic building components to developing essential construction documentation. Participants will learn how to leverage Revit for greater design accuracy, improved collaboration, and enhanced project visualization. By understanding Revit's methodological approach to design and documentation, you'll be equipped to contribute effectively to BIM-enabled projects, streamline workflows, and unlock significant efficiencies in the design and construction process, ultimately boosting your professional value in the competitive Architecture, Engineering, and Construction (AEC) industry.

Level	Intermediate
Vendor	Autodesk/AutoCAD

COURSE CURRICULUM

01 Module 1: Introduction to BIM and the Revit Interface

- Understanding Building Information Modeling (BIM) principles and benefits
- Overview of the Revit user interface and navigation tools
- Starting a new project and selecting templates
- Exploring the Project Browser and Properties Palette
- Understanding Revit elements: categories, families, and types

02 Module 2: Basic Architectural Modeling

- Creating and modifying walls (basic, stacked, curtain walls)
- Adding and manipulating doors and windows
- Modeling floors and ceilings
- Creating roofs (footprint and extrusion)
- Introduction to levels and grids for project organization

03 Module 3: Structural and System Elements Introduction

- Placing structural columns and beams
- Introduction to foundations and slab modeling
- Basic mechanical, electrical, and plumbing (MEP) placeholders (ducts, pipes, conduits)
- Creating stairs and railings
- Working with rooms and area calculations

04 Module 4: Views, Documentation, and Annotation

- Generating floor plans, sections, and elevations
- Creating callouts and detailing views
- Adding dimensions, text, and keynote tags
- Working with schedules (e.g., door, window, material take-offs)
- Composing sheets and printing/exporting drawings

05 Module 5: Working with Families and Project Settings

- Introduction to Revit families (system, loadable, in-place)
- Loading and modifying family components from libraries
- Creating basic custom families (e.g., custom furniture)
- Managing project units and object styles
- Introduction to linked models and imported CAD files

06 Module 6: Collaboration and Visualization Basics

- Introduction to worksharing concepts and setting up a central model
- Exporting Revit models to other formats (e.g., CAD, IFC)
- Basic rendering and walkthrough techniques within Revit
- Error checking and auditing project files
- Understanding view templates for consistent documentation

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Entry-Level BIM Technician**
- > **Architectural Drafter specializing in Revit**
- > **Junior Structural or MEP Modeler**

FREQUENTLY ASKED QUESTIONS

Q: What foundational knowledge or prior experience is recommended before enrolling in the Autodesk Revit Essentials Language Course?

While this course is designed to introduce the core "language" of Revit, a basic understanding of architectural or engineering drawing principles and general computer literacy is beneficial. No prior experience with Revit or other BIM software is required, making it ideal for beginners looking to enter the BIM space and establish a strong foundation in parametric modeling.

Q: How does mastering the "language" of Revit through this essential course prepare me for advanced BIM projects or certifications?

This course provides a robust understanding of Revit's fundamental concepts, interface, and workflow logic – essentially teaching you how Revit "thinks." This strong foundation is crucial for tackling more complex projects, specializing in specific disciplines (architectural, structural, MEP), and pursuing higher-level Autodesk certifications, as it ensures you're proficient in the core operational mechanics before diving into advanced features and collaborative BIM workflows.

Q: What specific types of construction documentation and deliverables will I be proficient in generating after completing this Autodesk Revit Essentials course?

Upon completion, you will be proficient in generating essential construction documentation including detailed floor plans, sections, elevations, schedules (like door, window, and material schedules), and sheet layouts. You will also learn to add precise annotations, dimensions, and tags, enabling you to produce clear, intelligent, and coordinated project documentation suitable for early-stage design, client presentations, and basic construction phases.

ABOUT COMPUTER PRIDE



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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+

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Take the next step in your technology career.

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