

Revit for Architectural Design Professional Certification

Why Revit for Architectural Certifications ?

Revit is a versatile tool that allows users to work on a project from a variety of view types. You can view structural and architectural floor plans, different elevation perspectives, and orthographic 3D models. Revit has advanced rendering capabilities that can be used to create incredibly realistic and detailed 3D images. The platform essentially lets you take a virtual tour of the Revit model and experience its materials, lighting, and textures as if they were real. The powerful 3D design tools make Revit an ideal solution for both presentations and actual construction documentation.

Training Solutions:

✓ Offline Classroom Instructor-Led Training in our labs or onsite Locations.

✓ Virtual Instructor-Led Training Via Virtual Video Conferencing Tools.

Why Learners Prefer CLS as their Training Services provider ?

■ Premium Training Services Accredited from Global Technology Vendors.

■ Best Rated Experts & Certified Trainers in Egypt.

■ Official Training Hours, Practice Labs, Hands-on Learning.

■ CLS Training Classrooms are designed with High Edge PCs and Training Facilities.

■ Return on Training Investment is Guaranteed to boost performance.



• Revit for Architectural Design Course Outline :

Getting Started

- Course overview
- Get the software

See where you stand

Modeling for architectural design

- Create and edit wall types
- Practice Exercise: Create a wall type
- Create and modify curtain walls
- Create roofs, floors, and ceiling types
- Configure stairs
- Configure railings
- Create openings in building elements
- Create and modify columns
- Create relationships between components
- Create materials and material libraries
- Apply materials
- Paint materials
- Configure rooms
- Create families
- Configure family geometry
- Recognize family workflows
- Practice Exercise: Adjust family visibility
- Create topography
- Create model groups
- Challenge Exercise: Create a basic 3D parametric family

Documentation for architectural design

- Create and use view templates
- Practice Exercise: Create revisions
- Create and apply filters
- Apply and use visibility overrides
- Use the tools in the View Control Bar
- Apply and use object styles
- Create view types
- Create duplicate views
- Configure view properties
- Control crop boundaries
- Create and configure plan regions
- Configure and manage annotative elements

Collaboration and coordination for architectural design

- Configure custom Revit UI settings
- Configure project settings and location
- Practice Exercise: Select project location
- Use and manage the project browser

Information analysis for architectural design

- Create and manage advanced schedules
- Create a note block and place it on a sheet
- Create and use a key schedule
- Create and edit area schemes and area plans

Course challenge exercise

• Overview:

- Learn and practice workflows and skills covered in the exam, with sections on modeling, documentation, collaboration and coordination, project standard and setup, and information analysis. Review advanced modeling architectural topics and learn to work with walls, floors, roofs, ceilings, stairs, columns, and rooms.
- Learn about family categories and types, phases and design options, schedules, and worksharing. Follow along with lessons, datasets, and exercises to practice and review the exam topics on your own.
- You can also test your knowledge by taking a practice test to prepare for the certification exam. It's all about practice and preparation.

• Training:

- Create and modify architectural components, site elements, and materials.
- Create and manage views and annotations, work with families, and develop schedules.
- Use workflows and processes such as worksharing, exporting and printing, and project maintenance and management.
- Review the topics covered on the Autodesk Certified Professional in Revit for Architectural Design certification exam.

• Audience Profile :

Who should enroll

- Architecture Engineers , New users of any Revit product

• Prerequisites:

- Delegate should have knowledge of 2D drawing techniques in CAD application such as AutoCAD.