

Revit® Intermediate: Conceptual Design & Visualization

This specialized training course is designed to equip experienced Autodesk Architecture Revit users with the advanced skills necessary to leverage the software's tools for the early stages of design exploration and communication.

You'll move seamlessly from basic building modeling to the iterative world of conceptual design, expanding your knowledge in areas critical for winning projects and communicating early-stage vision. The course provides comprehensive instruction on massing studies, space analysis, and producing high-quality visualizations and renderings directly within Revit.

Prerequisite: A solid, working knowledge of essentials Revit techniques is required, equivalent to completing the Revit Essentials for Architecture course. Participants must be proficient in essential skills like modeling primary elements, managing views, and performing object manipulation.

Course Length: 1 day

Key Learning Objectives

- **Master Conceptual Modeling:** Rapidly create and dynamically edit complex conceptual masses to explore design forms, volumes, and scale.
- **Integrate Design:** Understand the essential workflow for converting conceptual masses into finished building elements.
- **Analyze Program:** Use Room and Area Analysis tools to calculate gross building area, execute space planning, and utilize color schemes for programmatic visualization.
- **Generate Presentations:** Set up compelling perspective and exploded views, configure solar studies, and manage detailed graphic display options for client presentations.
- **Produce High-Quality Imagery:** Learn techniques for basic and enhanced rendering, including advanced control over lighting, materials, and the creation of walkthroughs.

Course Outline

- **Massing Studies:** Master conceptual mass creation and refinement. Cover all steps from element placement and dynamic editing to creating final building geometry.
- **Adding Rooms and Areas:** Master the analytical side of design. Use Room Elements and Area Analysis to calculate program requirements and apply color schemes for visualization.
- **Visualization:** Advance your presentation skills by creating precise Perspective Views, adjusting Graphic Display Options, adding Exploded Views, and setting up realistic Solar Studies.
- **Rendering:** Learn to produce high-impact imagery. Master basic rendering, working with natural and artificial lighting, and enhancing output for professional results.

Register Today

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