



## Revit Architecture Conceptual Design & Visualization

This advanced course, using Revit Architecture’s powerful Building Information Modeling (BIM) engine, covers tools for creating mass elements that can be modified into many shapes. Students then apply walls, roofs, and floors applied to the mass elements. We also cover space planning tools for setting up areas for rooms and also applying colors to them to show the connections. For presentations and analysis, this course teaches you how to create and render perspective views and create walkthroughs and solar studies.



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Visit [mwcad.com](http://mwcad.com) for a complete class schedule or call us at [800-279-3221](tel:800-279-3221).

\* The suggested course duration is a guideline. Course topics and timeline may be modified by the Instructor based upon the knowledge and skill level of the course participants.

**Prerequisites:** Students should be comfortable with the fundamentals of Revit as taught in the Revit Architecture Fundamentals course. Knowledge of basic techniques is assumed, such as creating walls, roofs, and other objects, copying and moving objects, creating and working with views, etc.

**Topics include:**

**Massing Studies**

- Overview
- Placing Mass Elements
- Creating Conceptual Massing
- Setting Work Planes
- Creating Mass Forms
- Dynamic Editing
- Massing To Building

**Space Planning & Area Analysis**

- Space Planning
- Area Analysis
- Creating Color Schemes

**Visualization**

- Perspectives
- Creating Walkthroughs
- Solar Studies

**Rendering**

- Basic Rendering
- Working With Lighting
- Enhancing Renderings