



Conceptual Design and Visualization

1 Day Training Class \$400.00 - Topics include:

- Create In-Place Conceptual Mass elements and Conceptual Mass families
- Create building elements from massing studies
- Use Rooms and Areas for space planning and analysis
- Create perspectives, walkthroughs, and solar studies
- Understand the concepts of rendering and lighting

The objective of the Autodesk Revit Architecture Conceptual Design & Visualization training guide is to enable students who have worked with Autodesk Revit Architecture to expand their knowledge in the areas of Conceptual Design, including massing studies, space planning, visualization, and rendering.

Outline:

Chapter 1: Massing Studies

- Overview of Massing Studies
- Placing Basic Mass Elements
- Creating Conceptual Massing
- Setting Work Planes
- Creating Mass Forms
- Dynamic Editing for Conceptual Massing

Chapter 2: Space Planning

- Space Planning
- Area Analysis
- Creating Color Schemes

Chapter 3: Visualization

- Perspectives
- Creating Walkthroughs
- Solar Studies

Chapter 4: Rendering

- Basic Rendering
- Working with Lighting
- Enhancing Renderings

Appendix A: Conceptual Mass Families

- Creating Conceptual Mass Families (this topic requires additional knowledge of Family creation)
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Prerequisites:

Students should be comfortable with the fundamentals of Autodesk Revit as taught in the Autodesk 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.

Collaboration Tools, BIM Management, and Site and Structural Design are taught in additional courses.