

Revit - Conceptual Design & Visualization

Total Hours: 8

As architects and designers start a project, they frequently think about the overall massing of a building or the area of the footprint. This course, using Revit'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 to the mass elements.

This training course also covers 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.

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

Topics include:

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

Prerequisites:

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

Manual: Total number of pages: **210**



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