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Revit Architecture 2011 BIM Conceptual Design & Visualization

Course Description: 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 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.

This 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 courseware teaches you how to create and render perspective views and create walkthroughs and solar studies.

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 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.

Course Contents: