PENTAGON

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Revit Conceptual

Gain credibility and get ahead with our Autodesk Training & Certification

AUTODESK.
Authorized Training Center

Duration: 1 Day

Prerequisites:

- Students should be comfortable with the fundamentals of the Autodesk Revit software 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.

Course Outline

As architects and designers start a project, they frequently think about the overall massing of a building or the area of the footprint. The Autodesk® Revit® Architecture software, using its powerful Building Information Modeling (BIM) engine, includes tools for creating mass elements that can be modified into many shapes. You can then apply walls, roofs, and floors to them to continue designing. You can also access space planning tools for setting up areas for rooms and applying colors to them to show the connections. For presentations, you can create and render perspective views.

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.

The main topics covered 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