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Autodesk Revit Architecture for Project Managers

- Tuition: \$2,000 per firm
- Valid for 8 AIA hours/LUs.
- Target Audience: principals, project architects and project managers interested in building information modeling.

Objective:

An Introduction to Revit Architecture; focusing on the concept of B.I.M. (Building Information Modeling) The implementation of Revit into the Conceptual, Schematic and Construction Documentation phases of all types of architectural design.

The Project Team's Objective:

- Creating a single project database in a fully integrated project model using bi-directional associativity to ensure all data, graphics, details, schedules, drawings, and sheets are current and coordinated.

The Project Manager's Objectives:

- **Conceptual Design:** Producing mass models using massing geometry and element associativity. Use the massing tools to create masses using extrusions, revolve, sweep and blend components and convert object massing to components elements. Scheduling the volumes for gross area, volume and gross floor area.
- **Design Development;** Being able to determine the proper project for Revit. Understanding worksets and how multiple users simultaneously contribute to the Revit Project (the database). Learn to sketch with Revit, using basic preliminary object types.
- **Construction Documentation:** Create temporary and permanent dimensions, text and text styles. Learn to create and modify schedules. Open and view sheets safely without the risk of editing the documents. Printing and emailing sheets views or partial views. Exporting for email and markup, Image and DWF or PDF.
- **Compatibility with AutoCAD:** Discussion about compatibility with clients, consultants and non-Revit studios.
- **New Features:** Keynoting, Volumetric Rooms, Interoperability, Import SketchUp, Modeling Improvements, Enhanced Structural Design and Drafting tools. Interface to External Databases, Energy Analysis (gbxml) Import Export ACSI 3D solid geometry, Material Takeoff, Copy Monitor, Coordination, Interference detection.

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