Revit Course Online

Gain a solid introduction to Revit Architecture and its applications within Building Information Modeling (BIM). Explore the basics of architectural design, 3D modeling, and documentation workflows.

Group classes in Live Online and onsite training is available for this course. For more information, email onsite@graduateschool.edu or visit: https://sdfm.graduateschool.edu/courses/revit-fundamentals-course

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Course Outline

This package includes these courses
- Intro to Revit Course Online (30 Hours)
- Intermediate Revit Course Online (30 Hours)

Intro to Revit Course Online

In this beginner Intro to Revit course, you'll explore how information is connected throughout a Revit (BIM) model using Revit Architecture tools. Learn to create 3D building models that automatically generate 2D architectural drawings, including floor plans, elevations, and 3D perspectives. You'll work from a pre-made template to build a complete Building Information Model, place views on sheets, and export drawings to PDF. The course provides source Revit files and step-by-step instructional videos to guide you through each stage of the project.

- Understand core Revit concepts and their role in Building Information Modeling (BIM).
- Navigate and utilize the Revit User Interface effectively.
- Build a 3D model to see how project information is connected throughout the design.
- Apply proper workflows to complete Revit tasks efficiently.
- Develop a complete project with floors, walls, ceilings, stairs, curtain walls, and roofs to enhance 3D modeling and 2D documentation skills.
- Produce high-quality presentation graphics for architectural projects.
- Organize and manage building data using schedules.

Intermediate Revit Course Online

In this online intermediate BIM course, you will build on your Revit Architecture skills by learning advanced techniques for documenting a building project. You'll refine an existing Revit model, explore design options, create custom schedules, develop 2D and 3D parametric families, and produce a streamlined set of construction documents. By the end of the course, you'll be able to transform a conceptual model into a fully integrated and interoperable construction document set.

- Incorporate DWG files to enhance Revit details and drawings.

- Apply element tagging for accurate cost estimation and material take-offs.

- Utilize design options to present and compare multiple design scenarios.

- Develop 3D parametric families for reusable building components.

- Create customized schedules for doors, materials, and rooms to support construction documentation and take-offs.

- Implement BIM project management strategies to maintain efficient, well-organized models.