COURSE SYLLABUS

Revit Fundamentals Course

Build a strong foundation in Revit Architecture and explore its role in Building Information Modeling (BIM). This course introduces you to the basics of 3D modeling, architectural design, and project documentation.

Group classes (NYC) and onsite training are available for this course. For more information, email corporate@nobledesktop.com or visit: https://www.nobledesktop.com/classes/revit-course



hello@nobledesktop.com • (212) 226-4149

Course Outline

This package includes these courses

- Introduction to Revit (18 Hours)
- Intermediate Revit (18 Hours)

Introduction to Revit

Learn the industry-leading software for Building Information Modeling (BIM) with this Revit course at Noble Desktop. Whether you are an aspiring architect, engineer, or designer, this hands-on course will equip you with the essential skills to design, document, and analyze buildings and structures more efficiently. Guided by expert instructors, this course combines practical exercises with real-world examples to ensure you master the fundamentals of Revit.

- Understand the Revit interface, workspace, and essential tools to get started in Revit
- Learn to create parametric 3D models of buildings, including walls, doors, windows, roofs, and floors
- Master the process of generating construction documents such as floor plans, sections, and elevations directly from your Revit models
- Explore how to create and manage Revit families to customize components for your projects
- Discover how to create photorealistic renderings and walkthroughs to bring your designs to life
- Gain insight into Revit's collaboration features to manage multi-disciplinary project teams effectively

Intermediate Revit

Take your Revit expertise to new heights with this comprehensive course offered at Noble Desktop. Designed for professionals with a foundational understanding of Revit, this course is ideal for advancing your skills, enhancing productivity, and creating intricate, detail-rich project designs. Explore advanced tools, workflows, and techniques in a practical and industry-relevant way to elevate your Revit proficiency. This course dives deep into advanced Revit features, providing hands-on training to ensure you gain valuable, real-world skills.

- Develop complex 3D models and refine your designs using Revit's advanced modeling tools. Learn how to handle more detailed components of architecture and engineering projects effectively

- Explore tools and features to enhance efficiency, streamline workflows, and improve project coordination among multi-disciplinary teams
- Produce high-quality, professional-level construction documents, complete with annotations, schedules, and precise detailing to meet industry standards
- Master viewport management, visibility settings, and presentation techniques to bring your designs to life in a visually compelling way
- Learn advanced family creation techniques to build and customize parametric components, providing flexibility and adaptability across projects