COURSE SYLLABUS

# Revit Certification Course

This series prepares you to take either the Autodesk Certified User or Autodesk Certified Professional Exam in Revit. You'll gain practical, job-ready skills while working with an Autodesk Certified Instructor and seasoned architectural project manager who brings daily, real-world experience from commercial, medical, and biotech projects directly into the classroom.

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



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## Course Outline

This package includes these courses

- Introduction to Revit (18 Hours)
- Intermediate Revit (18 Hours)
- BIM Construction Documents I (12 Hours)
- BIM Construction Documents II (6 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

## BIM Construction Documents I

Take your BIM knowledge to the next level. This course is specifically designed to equip you with the foundational skills necessary to create, manage, and deliver comprehensive construction documents using Building Information Modeling tools. Whether you are a designer, architect, or project manager, this course will provide you with the understanding and techniques required to effectively produce accurate and detailed documentation for your projects.

- Understand the role of construction documents in the building lifecycle and their relationship with BIM processes
- Learn how to create clear and concise annotations, schedules, and detailed views that aid in communication across project stakeholders
- Develop professional sheet layouts using industry-standard practices to ensure consistency and readability
- Discover how to collaborate effectively within a multidisciplinary team, ensuring seamless integration of design models into project documentation
- Gain knowledge on reviewing and troubleshooting documentation to reduce errors and improve project outcomes

## BIM Construction Documents II

This course is designed for individuals who have completed the introductory course or possess equivalent knowledge. It dives deeper into advanced documentation techniques, focusing on efficiency, accuracy, and adherence to industry standards. With hands-on practice and expert-led instruction, you will gain invaluable experience that enhances your ability to produce complex project documentation.

- Master advanced features and tools in Revit for creating detailed drawings and construction documentation
- Learn how to work with complex models and integrate additional BIM data into your documents
- Improve accuracy and consistency across all phases of documentation
- Explore strategies for managing large-scale projects and collaborating with multidisciplinary teams
- Gain insights into industry best practices for creating professional, high-quality deliverables