COURSE SYLLABUS

Residential Interior Design Course (Self-Paced)

Transform ordinary living spaces into extraordinary environments with a comprehensive training program focused on residential interior design. Master essential tools like AutoCAD, SketchUp Pro, and Adobe Creative Cloud to create stunning visuals, precise blueprints, and functional layouts. Gain practical, industry-relevant skills to bring your creative visions to life.

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



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Course Outline

This package includes these courses

- Blueprint Reading Course - Residential Construction (Self-Paced) (10 Hours)
- Intro to Interior Design (Self-Paced) (60 Hours)
- Introduction to Revit (Self-Paced) (30 Hours)
- Intermediate Revit (Self-Paced) (30 Hours)
- Revit for Interior Design Course Online (Self-Paced) (30 Hours)
- Revit & Twinmotion Interior Rendering Course (Self-Paced) (30 Hours)
- Introduction to SketchUp Pro (Self-Paced) (30 Hours)
- Intermediate SketchUp Pro (Self-Paced) (30 Hours)
- Adobe Photoshop Bootcamp (Self-Paced) (30 Hours)

Attend this elective course for free (optional).

Intermediate Photoshop (Self-Paced)

Blueprint Reading Course - Residential Construction (Self-Paced)

Learn how to read and interpret residential construction blueprints from a licensed architect. This online course covers drawing types, scale, and the relationships between drawings using a real-world project as reference.

- Understand the inter-relationship between drawings included in a full set of construction documents.
- Analyze how scale is presented and applied across different drawing types.
- Evaluate the similarities and consistencies found across blueprint sets submitted for building permits.
- Recognize the importance of consistent information presentation across all types of construction documents.

Intro to Interior Design (Self-Paced)

This course is the perfect starting point for anyone eager to explore the world of interior design. Whether you're considering a career in design or simply wish to enhance your creative skills, this course will provide you with the foundational knowledge and tools to bring your ideas to life.

- Master the core concepts of color theory, balance, texture, and spatial arrangement
- Learn how to optimize spaces for functionality and aesthetics
- Gain insight into choosing the right materials, furniture, and accessories to transform any room
- Explore various design styles and trends to inspire your unique creations
- Develop mood boards, room layouts & design mockups to bring your vision to reality

Introduction to Revit (Self-Paced)

This beginner-level Revit course offers an in-depth exploration of the interconnections within a Building Information Model using Revit's architectural toolset. The curriculum supports development of a fully integrated 3D model that concurrently produces coordinated 2D documentation—such as floor plans, elevations, and rendered perspectives—while drafting and designing. Instruction commences with a predefined template, proceeding through setup of floor plans and elevations, generation of 3D views, assembly of drawing sheets, and exportation of deliverables to PDF. If you are interested in Revit Certification (also referred to as BIM Certification), we recommend completing the Revit Certification Course series to be fully prepared for the Autodesk Certified User Exam for Revit.

- Describe Primary Revit Concepts and how they relate to Building Information Modeling (BIM)
- Explore the Revit User-Interface
- Design a 3D building model to explain how information is interrelated
- Determine the appropriate workflow to complete tasks within Revit
- Develop a project that includes floors, walls, ceilings, stairs, curtain walls, and roof design to strengthen 3D modeling and 2D documentation skills
- Create presentation-level architectural graphics
- Catalog building information using schedules

Intermediate Revit (Self-Paced)

This intermediate-level online BIM course delves into advanced project-documentation techniques within Revit Architecture. Building upon an existing model, the curriculum covers scheduling components, family-editor workflows for 2D and 3D content creation, graphic refinement, and assembly of a concise construction–document set. Through hands-on exercises, the course demonstrates how to transform a conceptual model into an interoperable set of construction drawings. If you are interested in Revit Certification (also referred to as BIM Certification), we recommend completing the Revit Certification Course series to be fully prepared for the Autodesk Certified User Exam for Revit.

- Integrate DWG Files to create Revit details
- Tag elements for cost estimation and material take-offs
- Explore the capabilities of design options and how to present different options
- Create 3D parametric families
- Build customized door, material, and room schedules that can be used for construction take-offs
- Explore BIM project management techniques to keep models efficient and user-friendly

Revit for Interior Design Course Online (Self-Paced)

This course is tailored to help you perfect your craft and bring your creative ideas to life with incredible accuracy and efficiency. Through step-by-step lessons, engaging exercises, and real-world examples, you'll master essentials like:

- Draft precise floor plans and layouts that are ready to present to clients or integrate with architectural plans
- Transform spaces into fully-rendered 3D designs and explore every detail from lighting to textures
- Learn to create custom furniture and fixtures to make each project uniquely yours
- Save hours of time with Revit's organizational tools, ensuring seamless collaboration between designers, architects, and contractors
- Produce clean, detailed project documents that meet industry standards and wow your clients

Revit & Twinmotion Interior Rendering Course (Self-Paced)

This course provides a comprehensive introduction to real-time rendering with Revit and Twinmotion, focusing on creating high-quality interior visualizations. You will gain hands-on experience with essential tools and techniques to bring your designs to life with stunning detail and interactivity.

- Navigate and master the Twinmotion interface for seamless project creation
- Export and link Revit models to Twinmotion while maintaining real-time synchronization
- Apply materials, lighting, and furniture to enhance the realism of interior spaces
- Configure natural and artificial lighting to create mood and visual storytelling
- Create multiple camera views and optimize scene composition for impactful renderings
- Develop a fully rendered interior scene ready for your portfolio or client presentations

Introduction to SketchUp Pro (Self-Paced)

Create a community park, including topography. Make 3D models of a picnic table, carousel & other site furnishings. Learn to navigate SketchUp and different workflows to create the 3D model of the park.

- Design massing and preliminary design 3D models
- Build collaboration
- Determine the most efficient way of accurately and productively working within SketchUp
- Use all of the SketchUp tools to best learn the functionality of the software program

Intermediate SketchUp Pro (Self-Paced)

Learn to use the Sandbox tools to create 3D Topography, and to use Project Geo-Location. Model a Clubhouse for the Community Park. Explore new workflows. Include the 3D Warehouse assets & the SketchUp camera tools.

- Use more advanced SketchUp tools to create doors, walls, windows and to detail the interior of buildings
- Create and edit new materials and add photo textures to SketchUp models from Google Earth
- Create scenes, generate scene settings and animate those settings in SketchUp
- Explore creating topography and exporting images and animations

Adobe Photoshop Bootcamp (Self-Paced)

Retouch and enhance photos, create graphics, and work with layers, masks, and filters in Adobe Photoshop at your own pace. This self-paced course teaches essential techniques for color correction, image compositing, and preparing files for web, video,

and print.

- Learn to retouch photos and design graphics
- Enhance images by adjusting color, brightness, and contrast
- Use selections to edit specific areas of an image
- Prepare images for digital, web, video, or print formats
- Simplify edits with adjustment layers
- Remove backgrounds using layer masks
- Sharpen and refine photos
- Apply visual effects with filters, shadows, blend modes, and more