COURSE SYLLABUS

Interior Design Certification Online

Master interior design for both residential and commercial spaces with a program that combines creativity and technical skills. Learn to create detailed floor plans, 3D models, and professional presentations using industry-leading tools like Revit Architecture, SketchUp, and Photoshop. Develop versatile skills to design functional and visually appealing environments.

> 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/interior-design-professional-course

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Course Outline

Required Materials

Windows computer/laptop

Intro to Interior Design Course Online

- Design Principles & Elements: Master the core concepts of color theory, balance, texture, and spatial arrangement
- Space Planning: Learn how to optimize spaces for functionality and aesthetics
- Material and Furniture Selection: Gain insight into choosing the right materials, furniture, and accessories to transform any room
- Design Trends and Styles: Explore various design styles and trends to inspire your unique creations
- Practical Skills: Develop mood boards, room layouts & design mockups to bring your vision to reality

Intro to Revit Course Online
Note: Revit is Windows only. Macs are not compatible.

- 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

Color Theory for Interior Design Course Online

- Understand how light, vision, and materials affect color perception
- Master the color wheel, harmonies, and contrast
- Apply color systems like RGB, CMYK, and Hex

- Use psychology and cultural meaning to inform palettes
- Design for accessibility, legibility, and inclusivity
- Build professional, brand-aligned color palettes

Interior Design Materials and Finishes Course Online

- Evaluate interior materials based on performance, durability, maintenance, and design intent
- Apply masonry, concrete, stone, and brick finishes in functional and decorative interior applications
- Select and specify glass, ceramics, plaster, and gypsum materials for walls, floors, and surfaces
- Understand wood species, engineered wood products, millwork, and cabinetry detailing
- Assess metals, synthetics, laminates, and composite materials for modern interior environments
- Interpret acoustic principles and select finishes that support sound control and user comfort

Intermediate Revit Course Online
Note: Revit is Windows only. Macs are not compatible.

- 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
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- 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 and streamline operations 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 Online
Note: Revit is Windows only. Macs are not compatible.

- 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

Intro to SketchUp Course Online

- 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 Course Online

- 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 Course Online

- 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

Visual Communication & Portfolio Design Course Online

- Create polished portfolio layouts using Adobe InDesign, Photoshop, and Acrobat
- Apply principles of composition, hierarchy, and typography to communicate design concepts effectively
- Integrate project imagery, plans, and renderings to highlight your creative vision and technical expertise
- Produce a professional, presentation-ready portfolio that reflects your personal design identity and supports your career goals