COURSE SYLLABUS

Interior Design Professional Course Online

Master interior design fundamentals while building real fluency in the software and workflows professionals use every day. This comprehensive program covers everything from color theory and space planning to 3D modeling, rendering, and portfolio presentation across both residential and commercial applications.

> Group classes in Live Online and onsite training is available for this course. For more information, email partnerships@vdci.edu or visit: https://vdci.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