COURSE SYLLABUS

Commercial Interior Design Course Online (Self-Paced)

Elevate commercial spaces with a training program that blends creativity and precision. Master tools like Revit Architecture, SketchUp Pro, and Adobe Creative Cloud to design functional, visually striking environments. Develop the skills to create impactful designs that meet brand and operational goals, setting you apart in the competitive world of commercial interior design.

For more information, visit
https://www.creativelive.com/classes/commercial-interior-design-course



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Course Outline

This package includes these courses

- Blueprint Reading Course - Commercial Construction (Self-Paced) (20 Hours)
- Introduction to Revit (Self-Paced) (30 Hours)
- Intermediate Revit (Self-Paced) (30 Hours)
- BIM Construction Documents I (Self-Paced) (30 Hours)
- BIM Construction Documents II (Self-Paced) (30 Hours)
- BIM Construction Documents III (Self-Paced) (30 Hours)
- Introduction to SketchUp Pro (Self-Paced) (30 Hours)
- Intermediate SketchUp Pro (Self-Paced) (30 Hours)
- Introduction to Photoshop (Self-Paced) (30 Hours)
- Intermediate Photoshop (Self-Paced) (30 Hours)
- Introduction to Illustrator (Self-Paced) (30 Hours)
- Intermediate Illustrator (Self-Paced) (30 Hours)

Blueprint Reading Course - Commercial Construction (Self-Paced)

This is an online blueprint reading course for commercial projects. Learn from a licensed architect how to read blueprint drawings for a mixed-use commercial project that includes hotel, retail, and parking.

- Demonstrate an understanding of the inter-relationship between the drawings included in a set of construction documents (blueprints) for a mixed-use commercial project.
- Analyze different drawings and see how information is referenced throughout a set of construction documents.
- Evaluate the similarities between all sets of construction documents submitted for building permits.
- Recognize the need for consistency in presenting information in all types of construction documents.

- Gain experience understanding how 3D model presentations within a set of construction documents make it easier to understand the project.

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

BIM Construction Documents I (Self-Paced)

This online Revit course is the first of three Construction Document courses and focuses on Revit Architecture tools. You will model an existing single-story commercial building, using imported AutoCAD drawings as a base, and develop a site model. You will continue developing your Revit skills by modeling a significant two-story expansion of the initial building. This project scenario reflects the type of work commonly handled by AEC teams using Revit in professional settings.

- Apply BIM modeling tools to create an architectural model that includes existing conditions, partial demolition, and new construction

- Build project topography using external files and develop a site plan incorporating hardscape and landscaping
- Graphically represent project phasing, clearly distinguishing existing construction, demolition, and new construction
- Create renderings suitable for both presentation and documentation

BIM Construction Documents II (Self-Paced)

You will create construction documents for the commercial building and site created in BIM Construction Documents I. You will create the sheet drawings and will add keynotes, detail drawings and schedules.

- Prepare a set of architectural construction documents incorporating the site and building models created in BIM Construction Documents I.
- Develop progress sets of construction documents, reflecting 30/60/90/100 percent deliverable submittals.
- Produce plan, section, and elevation views of the project for sheet layout.
- Keynote elements of the project model. Develop schedules and a limited number of architectural details extracted from the BIM model.

BIM Construction Documents III (Self-Paced)

This course examines how Revit users design 3D models that simultaneously document the project and generate 2D architectural drawings. This class consists of two main projects; we begin by exploring the Primary Revit Concepts by creating a small residential building, and then build upon and expand our skills by creating a 3D model of a commercial building, and presenting the model using floor plans, elevations, and 3D perspective views.

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

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

Introduction to Photoshop (Self-Paced)

Learn the Adobe Photoshop user interface and the specific tools and features that make Photoshop valuable. Learn major strategies to adjust, correct and supplement photos and graphic projects.

- Recognize the basic tools of Photoshop and appropriately utilize these tools for the desired adjustments and corrections.
- Carry out techniques to adjust, enhance, supplement, and compose files necessary to produce marketing materials.
- Implement proper understanding and organization of files and layers within the layers panel and Photoshop interface.
- Appropriately adjust and export images with variations in image file-type, dimension and color.

Intermediate Photoshop (Self-Paced)

This Photoshop class reinforces techniques and expands on the Introduction to Photoshop class. You will learn important strategies on how to work successfully, how to plan, design, collaborate and export a project.

- Reinforce the basic tools of Adobe Photoshop and appropriately use these tools for the desired adjustments and corrections.
- Carry out techniques to adjust, enhance, supplement, and compose files necessary to produce marketing materials.
- Incorporate client's determined goals, audience, and branding.
- Assess and adjust image strategy based on determined marketing and design goals.

Introduction to Illustrator (Self-Paced)

Learn Adobe Illustrator, the industry-standard professional vector drawing program. Gain real-world, practical experience using Illustrator to produce vector art for both print and web design.

- Recognize the basic tools of Illustrator and appropriately use these tools for the desired adjustments and corrections.
- Carry out techniques to adjust, enhance, supplement, and compose files necessary to produce marketing materials.
- Implement proper understanding and organization of files and layers within the layers panel and Illustrator interface.
- Appropriately adjust and export images with variations in image file-type, dimension and color.

Intermediate Illustrator (Self-Paced)

This class reinforces basic strategies of Introduction to Adobe Illustrator and introduces intermediate techniques for graphic design. Learn additional tools and methods to craft a series of graphic marketing materials.

- Recognize the basic tools of Illustrator and appropriately utilize these tools for the desired adjustments and corrections.
- Carry out techniques to adjust, enhance, supplement, and compose files necessary to produce marketing materials.
- Implement proper understanding and organization of files and layers within the layers panel and Illustrator interface.
- Appropriately adjust and export images with variations in image file-type, dimension and color.