

Photoshop for Architecture Visualization & Post Production

Course Objectives

- To provide participants with a strong foundation in Adobe Photoshop for architectural visualization and post-production workflows.
- To train learners in editing and enhancing architectural floor plans, elevations, sections, and rendered images professionally.
- To develop practical skills in color correction, layer masking, render enhancement, and presentation composition for architectural projects.
- To enable participants to create realistic and visually appealing architectural presentation boards and portfolio-quality outputs.
- To introduce efficient workflows and industry-standard techniques used in architecture, interior design, and visualization studios.

Course Outcomes

By the end of this course, participants will be able to:

- Import, organize, and edit architectural drawings and renders efficiently in Photoshop.
- Create professional floor plan renders with textures, colors, furniture, and presentation effects.
- Enhance architectural elevations and sections using realistic materials, lighting, shadows, and entourage elements.
- Perform advanced post-production for interior and exterior renders using render elements and Camera Raw tools.
- Produce high-quality architectural presentation sheets and portfolio-ready visualizations suitable for client presentations and professional practice.

Target Audience

- Architecture students and graduates seeking visualization and presentation skills.
- Interior designers looking to enhance project presentations and render quality.
- Architectural visualization artists and 3D rendering professionals.
- Civil engineers, draftsmen, and BIM professionals involved in architectural documentation and presentation workflows.
- Professionals and freelancers who want to create high-quality architectural portfolios and client-ready presentation materials using Photoshop.

Course outline

The course comprises **40**-hours of theory and labs and is divided into **5** different Modules. Each chapter will be followed by hands-on lab exercises to reinforce learning and gauge understanding of the topics covered.

Table of Contents: -

Module – 1 : Photoshop Fundamentals for Architecture

- Introduction to Photoshop for Architectural Visualization
- Understanding Photoshop Interface & Workspace
- File Formats for Architecture Projects (JPEG, PNG, PSD, TIFF, PDF)
- Importing CAD Drawings, Renders & Reference Images
- Layers, Layer Properties & Organization Techniques
- Selection Tools & Quick Selection Methods
- Move, Transform & Alignment Tools
- Preferences & Workflow Settings for Faster Editing
- Introduction to Architectural Composition Principles

Module – 2 : Floor Plan Rendering & Presentation

- Importing Floor Plans from AutoCAD/PDF
- Cleaning & Preparing Architectural Drawings
- Layer Adjustments & Blending Modes
- Adding Colors to Floor Plans
- Creating Black & White Presentation Plans
- Monochromatic & Minimalistic Floor Plan Styles
- Applying Textures & Materials to Plans
- Adding Furniture, Landscape & Human Elements
- Brush Tools for Shadows & Artistic Effects
- Realistic Floor Plan Rendering Techniques

Module – 3 : Elevation & Section Post Production

- Introduction to Elevation & Section Editing Workflow
- Layer Masking Concepts & Non-Destructive Editing
- Pen Tool & Shape Tools for Architectural Detailing
- Adding Realistic Materials & Textures
- Adding Trees, People, Vehicles & Entourage
- Sky Replacement Techniques for Elevations
- Section Rendering & Atmospheric Effects
- Exporting High-Quality Elevation Sheets

Module – 4 : Exterior Render Post Production

- Understanding Architectural Render Enhancement Workflow
- Camera Raw Filter for Render Corrections
- Color Grading for Exterior Visualization
- Enhancing Lighting, Reflections & Shadows
- Adding Realistic Sky, Environment & Backgrounds
- Creating Day & Night Scene Effects
- Adding Human Activity & Landscape Elements

Module – 5 : Interior Render Editing & Portfolio Creation

- Interior Render Post Production Techniques
- Enhancing Interior Lighting & Mood
- Working with Ambient Occlusion & Reflection Passes
- Adding Interior Decor & Accessories
- Material Enhancement for Wood, Glass & Fabric