

# EDUCTIVE - UCLA Extension

## CF 573 INTERIOR DESIGN CERTIFICATE

This course of study includes 18 courses and provides a basic foundation level of education in Interior Design. For students who already have a Bachelor's Degree, completion of this certificate with a grade of "B" or better will make them eligible for the advanced course of study leading to a Master or Interior Architecture degree.

### Requirements:

Students must establish candidacy prior to enrolling in their sixth course in the program.

### Courses

Required	Units
<b>ART X 438 Fundamentals of Interior Architecture</b> This course is an introduction to the process of commercial and residential interior design. Lectures and projects introduce students to design theory, principles of design, design vocabulary, design psychology, methods of programming, and the history of design in Los Angeles and Southern California. Students learn about the human element in design, sustainable design, the materials used in interior design, and the process of design as practiced in professional offices. Guest lecturers include some of L.A.'s most distinguished architects and interior designers.	4.00
<b>ART X 467.17A Design Communication I</b> This beginning course focuses on basic freehand drawing and drafting. All the components essential to good drawing are presented and discussed. Working almost exclusively in black-and-white, students embark on a series of exercises that introduce important visual concepts--composition and design, contour and line, proportion and scale, plan and section, form and space, tone and shadows--plus the ability to create drawings that are rich in both information and psychological content. This class is based on the USA standard measurements of Feet and Inches and not the International metric system. Media covered include a variety of sketching and drafting tools.	6.00
<b>ART X 454A Elements of Design I</b> An introduction to design fundamentals, including exercises in figure-ground relationships, color interaction, line, texture, shape, scale, balance, rhythm, emphasis, and organization of elements in the 2D plane, this course develops perceptual skills, sensitivity, creative awareness, and the technical ability necessary to handle a variety of design media.	4.00
<b>ART X 452 Color Theory and Application</b> This course covers the study of the perception of color, its permutations and its dimensions, using traditional as well as contemporary methods, emphasizing individual experimentation through lab exercises and demonstrations. Topics include the color wheel; Munsell and Albers theories; perception, symbolism, and psychology; pattern-painting techniques; and the applications of color theories to art, architecture, and interior design. Student projects and lectures combine intense exploration of theories with hands-on experience in a variety of media.	4.00
<i>Prerequisite: X 454A Elements of Design I or consent of program advisor.</i>	
<b>ART X 466E Design Communication II</b> This course further introduces the student to the use of line drawings as a medium for communicating design concepts. Beginning with the connections of architectural plan,	6.00

# EDUCTIVE - UCLA Extension

section, and elevation, the course proceeds to explore the full range of constructed line drawings, including axonometric, 1-point perspective, and model-making. This course uses U.S. standard basic units of length (inch, foot, yard, etc.), not the international metric system. 2 conceptual design projects are used to develop skills in communicating design ideas.

*Prerequisite: X 467.17A Design Communication I.*

## **ART X 454B Elements of Design II**

A continuation of lectures, demonstrations, and exercises dealing with the understanding of design fundamentals, this course examines abstract structuring in 2D and 3D design, use of construction materials, and fundamentals of modular systems and their modifications and variations. 4.00

*Prerequisite: X 454A Elements of Design I.*

## **ARCH X 468.20 Digital Presentation I: Photoshop/Illustrator**

In addition to buying their own software, students need to spend \$75 for texts and CDs.

This comprehensive hands-on course is designed to introduce designers to digital design tools. The course begins with an overview of architectural and interior design concepts and client presentations and how they were created. Students learn why the use of these professional tools is essential to the creative process of design and presentation production and are introduced to using the computer for drawing, illustration, and layout. Fundamentals of layout, typographic design, scanning, and image-enhancement software are covered; student-created projects are presented in class. Software applications covered include Adobe Photoshop and Illustrator. 4.00

*Prerequisite: Working knowledge of Windows operating system. Software requirements: The most recent versions of Illustrator and Photoshop.*

## **ART X 466F Design Communication III**

This course aids the student in translating 2D floor plans into 3D space. Exercises, including the creation of quick-sketch vignettes, expand the student's ability to visualize design concepts and communicate them rapidly and vividly. 6.00

*Prerequisite: X 466E Design Communication II.*

## **ART X 427.8A History of Environmental Arts: Part I**

Part 1 of a 4-part survey of environmental arts of the Western world. This course covers the architectural and arts history of the Aegean, Greece, Rome, early Christian, and Byzantine cultures, encompassing early Medieval, Romanesque, and Gothic periods. Instruction focuses on the man-built environment as influenced by geographical location, as well as the social, religious, economic, and political forces of each historical period. Topics include major monuments in terms of function, symbolism, methods of fabrication, style, use of color, and ornament, as well as significance. The major artists, architects, and designers of the various periods also are introduced. Illustrated lectures, selected readings, and student projects develop an appreciation of the rich cultural heritage of the Western world as well as the ability to utilize library and museum resources and recognize and evaluate significant environmental design movements. Designed to help participants develop an understanding of the achievements of the past in order to more fully understand the present. 4.00

## **ART X 427.7 Surface Materials**

An introduction to surface materials for interior designers, this course covers the selection and use of textiles, wall coverings, hard and soft surfaces, floor coverings, rugs, ceramic and vinyl tile, woods, and plastics. Instruction includes illustrated lectures, demonstrations, guest speakers, field trips, and research assignments. 4.00

*Prerequisite: All courses through the 3rd Quarter in the Interior Design Certificate (see curriculum sequence).*

# EDUCTIVE - UCLA Extension

## **ART X 427.8B History of Environmental Arts: Part II**

Part 2 of a 4-part survey course on the environmental arts of the Western world. This course traces the architecture, landscape architecture, furniture, art, and decorative arts from the Italian Renaissance to the beginning of the 19th century in France, England, and America. Periods covered include the Renaissance, Mannerist, Baroque, Rococo, and Neoclassic. Instruction focuses on the man-built environment influenced by geographical location and the social, religious, economic, and political forces of history. Major monuments are discussed in terms of function, symbolism, methods of fabrication, style, use of color, ornament, and significance. Illustrated lectures, readings, and student projects develop an appreciation of the rich cultural heritage of the Western world. Students learn how to utilize library and museum resources and recognize and evaluate significant environmental design movements. Intended to establish an understanding of the achievements of the past in order to more fully understand the present. 4.00

## **ART X 433 Interior Architecture Studio I**

In this first in a series of studio courses, students are given the opportunity to apply fundamental design principles to the layout of interior spaces. Starting with the development of a design concept, students learn how to develop a space while incorporating the elements of ergonomics and human factors. Students also explore methods of analyzing a client's program, beginning with the bubble diagram, the block plan, and the adjacency requirements. Through a series of assignments, students become familiar with current ADA codes and clearance requirements as well as the required circulation and exit paths for a variety of building types. 6.00

*Prerequisite: All Level 1 courses in the Certificate in Interior Design (see curriculum sequence) or consent of program advisor.*

## **ART X 427.8C History of Environmental Arts: Part III**

This course traces the architecture, landscape architecture, interior design, furniture, and decorative arts of the 19th century. Periods covered include French Empire, English Regency, Biedermeier, Gothic Revival, Victorian, Beaux Arts, the Chicago School, Art Nouveau, and the Arts and Crafts Movement. Instruction focuses on the built environment influenced by geographical location and the social, religious, economic, and political forces of history. Major monuments are discussed in terms of function, symbolism, methods of fabrication, style, use of color, ornament, and significance. Illustrated lectures, readings, and student projects develop an appreciation of the rich cultural heritage of the Western World. This course is intended to establish an understanding of the achievements of the past in order to more fully understand the present. 4.00

## **ART X 430A Interior Architecture Studio II**

This studio course introduces students to the process of linking rooms and spaces by architectural promenades. The defining of public vs. private space is examined as a principle means of spatial organization. A realistic residential situation is considered as students design a small single-family residence with full code compliance and learn to create environments that relate the atmospheric qualities of individual rooms to an overall concept of movement through space. 6.00

*Prerequisite: X 433 Interior Architecture Studio I or consent of program advisor.*

## **ART X 467.15 Lighting Design**

This course covers basic lighting topics, including light and texture, light and color, focal lighting, light sources, fixture schedules, switching patterns, and the required drawings used by designers in both residential and commercial spaces. Instruction includes lectures, research, and student projects. 4.00

*Prerequisite: All courses in the Interior Design Certificate through the 4th quarter (see curriculum sequence) or consent of program advisor.*

## **ART X 427.8D History of Environmental Arts: Part IV**

The last course in a 4-part survey of environmental arts of the Western world, this course 4.00

# EDUCTIVE - UCLA Extension

traces the major movements in architecture, interior design, furniture, and decorative arts of the 20th century. Subjects covered include Viennese Secessionism, Art Deco, Romantic Revivalism, De Stijl, Bauhaus, International Style, Mid-Century Modernism, Postmodernism, and Contemporary. Instruction focuses on the built environment influenced by geographical location and the social, religious, economic, and political forces of history. Buildings and interiors are discussed in terms of function, symbolism, methods of fabrication, style, use of color, ornament, and significance. Illustrated lectures, readings, and student projects develop an appreciation of the design influences of the 20th century that inform current developments in the built environment of the 21st century.

## Digital Presentation II (1 course from the following list)

Units

### ARCH X 468.5A Digital Presentation II: 2D CAD/AutoCAD

This course covers the basic AutoCAD commands used for the creation and editing of 2D CAD drawing as well as drawing setup, layer control, dimensioning, symbol libraries, display commands, external references, attributes, paperspace/modelspace, and methods for importing and exporting files between SketchUp and AutoCAD. Students prepare a basic set of construction documents that include floor plans, elevations, sections, and details.

4.00

*Prerequisite: X 468.20 Digital Presentation I: Photoshop/Illustrator. Software requirement: The most recent version of AutoCAD. Review CAD course requirements.*

### ARCH X 468.13A Revit Architecture I

Through lecture and demonstration this hands-on workshop introduces the basic concepts and tools of Revit, a building information modeling program for architects and interior designers. Students are introduced to Revit's powerful 3D model organization for visualization, presentation, and creation of construction documents. Instruction demonstrates how this unique software enables design professionals to save time and reduce errors as design changes are automatically coordinated throughout the entire model and drawing set.

4.00

*Prerequisite: Software requirement: The most recent version of Revit Architecture. Review CAD course requirements.*

## Digital Presentation III (1 course from the following list)

Units

### ARCH X 468.5B Digital Presentation III: 3D CAD (Using SketchUp, SU Podium, and AutoCAD)

This continuation of X 468.10 Digital Presentation II: 2D CAD/AutoCAD covers the basic commands necessary to construct and view in 3D. Using SketchUp software, students draw a floor plan while simultaneously creating a complete 3D virtual building. Instruction covers the accurate drawing of walls, doors, windows, details, and other 3D objects as well as numerous basic menu commands and other features, such as modifying, editing, offsetting, layers, line types, color, solid modeling, perspectives, rasterizing, layouts, printing, plotting, and methods for importing and exporting files between SketchUp and AutoCAD.

4.00

*Prerequisite: X 468.10 Digital Presentation II: 2DCAD/AutoCAD. Software requirement: The most recent version of AutoCAD. Review CAD course requirements. The Architecture and Interior Design Program does not support AutoCAD on the Mac.*

### ARCH X 438.13B Revit Architecture II

This continuation of X 438.13A Revit Architecture I covers advanced editing commands, introduction to families, sharing information, viewing tools, visualization, annotation, and construction documents. Students prepare worksets, room schedules, walkthroughs, and solar studies and utilize other advanced drawing features.

4.00

*Prerequisite: X 438.13A Revit Architecture I or consent of instructor. Software requirement: The most recent version of Revit Architecture. Review CAD course requirements.*