ARCH 60 Course Outline as of Summer 2022

CATALOG INFORMATION

Dept and Nbr: ARCH 60   Title: DIGITAL GRAPHICS
Full Title: Digital Presentation Graphics
Last Reviewed: 2/6/2023

Units			Course Hours per Week		Nbr of Weeks	Course Hours Total		
Maximum	2.00		Lecture Scheduled	1.50	17.5	Lecture Scheduled		26.25
Minimum	2.00		Lab Scheduled	1.50	6	Lab Scheduled		26.25
			Contact DHR	0		Contact DHR		0
			Contact Total	3.00		Contact Total		52.50
			Non-contact DHR	0		Non-contact DHR		0

Total Out of Class Hours: 52.50   Total Student Learning Hours: 105.00

Title 5 Category: AA Degree Applicable
Grading: Grade or P/NP
Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:
Formerly: ARCH 60A

Catalog Description:
An introduction to image editing and page layout digital tools, such as Adobe Photoshop and Adobe InDesign, for the creation of two-dimensional graphic presentation graphics for architecture, and/or interior design, and/or landscape architecture projects.

Prerequisites/Corequisites:

Recommended Preparation:
Eligibility for ENGL 100 or ESL 100 and Course Completion of CS 5 (or CIS 5 or BDP 5 or BDP 51)

Limits on Enrollment:

Schedule of Classes Information:
Description: An introduction to image editing and page layout digital tools, such as Adobe Photoshop and Adobe InDesign, for the creation of two-dimensional graphic presentation graphics for architecture, and/or interior design, and/or landscape architecture projects. (Grade or P/NP)
Prerequisites/Corequisites:

Recommended: Eligibility for ENGL 100 or ESL 100 and Course Completion of CS 5 (or CIS 5 or BDP 5 or BDP 51)
Limits on Enrollment:
Transfer Credit: CSU;
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**	Effective:	Inactive:
CSU GE:	**Transfer Area**	Effective:	Inactive:
IGETC:	**Transfer Area**	Effective:	Inactive:
CSU Transfer:	Transferable Effective: Summer 2009	Inactive:	
UC Transfer:	Effective:	Inactive:	

CID:

Certificate/Major Applicable:
Both Certificate and Major Applicable

COURSE CONTENT

Student Learning Outcomes:
At the conclusion of this course, the student should be able to:
1. Design digital graphic presentations for architecture, and/or interior design, and/or landscape architecture projects
2. Prepare and produce physical documentation of the digital graphic presentations

Objectives:
Upon successful completion of the course, students will be able to:
1. Apply design principles, concepts, and methods to the development of presentation graphics for architecture, and/or interior design, and/or landscape architecture projects
2. Use digital tools in the page layout program to combine text and images
3. Use digital tools in the image editing program to edit text and images
4. Print digital projects and prepare for presentation
5. Orally present the finished projects and participate in critiques

Topics and Scope:

1. Introduction to presentation requirements
    A. Identification of needed content
    B. Role of color
    C. Importance of text font and size
    D. Visual hierarchy: role of images, titles, labels, and text in design
    E. Establishment of presentation theme
2. Two-dimensional organization and design principles
    A. Organizational concepts such as: using alignments and grids, and balancing voids and solids
    B. 2-D design principles such as: rhythm, harmony, contrast, balance, unity, repetition,

anomaly, figure/ground, proportion, scale proximity and hierarchy
    C. Design elements such as: line, shape, space, tone, value, color, and texture
3. Image editing applied to architecture, and/or interior design, and/or landscape architecture projects
    A. Principles and concepts of images and image editing
    B. Program organization, command structure and tools
    C. Image acquirement and scanning process
    D. Post-scan adjustments: color adjustment, sharpening, blurring, sizing, transforming and repair
    E. Role of layers, channels, layer masks, clipping groups, and alpha channels
    F. Working in image mode: highlights, shadows and midrange values
    G. Manipulating selections and paths
    H. Using multiple tools to create illusion of form, light and depth
4. Page layout applied to architecture, and/or interior design, and/or landscape architecture projects
    A. Principles and concepts of page layout
    B. Program organization
    C. Command structure and tools
    D. Specifying text
    E. Creating and editing objects and layouts
    F. Defining pages and their organization
    G. Attaching text to paths and converting text to graphics
    H. Importing graphics and images
    I. Combining text, images, and graphic elements
    J. Plan, elevations, sections, and details.
    K. Legends, keynotes, and lists
    L. Graphical symbols of important to presentation projects
    M. Achievement of the presentation theme
    N. Printing
6. Applications to architecture, and/or interior design, and/or landscape architecture projects
    A. History of presentation graphics and historical graphic styles
    B. Presentation graphics for client presentations
    C. Presentation graphics for agency presentations
    D. Presentation graphics for public presentations
    E. Presentation graphics for design competitions
    F. Color and material boards
7. Oral presentation and critique
    A. Role of the critique
    B. Preparation
    C. Execution

All topics are covered in both the lecture and lab portions of the course.

Assignment:

1. Assigned reading (20-40 pages per week)
2. Digital graphic communication of architecture, and/or interior design, and/or landscape architecture projects, including oral presentations and critiques (1-4)
3. Quizzes (1-3)
4. Final exam or final project with oral presentation and critiques

Lab Assignments:

1. Page layout and image editing exercises (4-8)
2. Combined page layout and image editing projects (1-4)

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.

Writing
0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Page layout and image editing exercises

Problem solving
30 - 40%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Combined page layout and image editing projects

Skill Demonstrations
30 - 40%

Exams: All forms of formal testing, other than skill performance exams.

Quizzes, final exam and/or final project presentation and critiques

Exams
10 - 20%

Other: Includes any assessment tools that do not logically fit into the above categories.

Oral presentations and critiques

Other Category
0 - 20%

Representative Textbooks and Materials:
Adobe Photoshop CC Classroom in a Book. Faulkner, Andrew and Chavez, Conrad. Adobe Press. 2015
Adobe InDesign CC Classroom in a Book. Anton, Kelly and Cruise, John. Adobe Press. 2015
Layout Workbook. Cullen, Kristin. Rockport Publishing. 2007 (classic)
Instructor prepared materials