PHOTO160 : Photoshop

General Information

Author:	• David Yamamoto
Course Code (CB01) :	PHOTO160
Course Title (CB02) :	Photoshop
Department:	PHOTO
Proposal Start:	Spring 2025
TOP Code (CB03) :	(1012.00) Applied Photography
CIP Code:	(10.0201) Photographic and Film/Video Technology/Technician.
SAM Code (CB09) :	Clearly Occupational
Distance Education Approved:	No
Will this course be taught asynchronously?:	No
Course Control Number (CB00) :	CCC000233441
Curriculum Committee Approval Date:	05/22/2024
Board of Trustees Approval Date:	07/16/2024
Last Cyclical Review Date:	05/22/2024
Course Description and Course Note:	PHOTO 160 introduces students to basic imaging techniques using Photoshop, an industry standard graphics software and image editor. Students will work with tools, layers, adjustments, and layer masks to create graphics, enhance images, and composite. Students create projects using course information. Note: Photography majors should enroll in PHOTO 130 rather than PHOTO 160. Note: This course may not be taken by students who have completed PHOTO 121 prior to Fall 2019.
Justification:	Mandatory Revision
Academic Career:	• Credit
Mode of Delivery:	
Author:	
Course Family:	

Academic Senate Discipline

Primary Discipline:	• Photographic Technology/ Commercial Photography
Alternate Discipline:	• Photography
Alternate Discipline:	No value

Course Development

Basic Skill Status (CB08)

Course is not a basic skills course.

☐ Allow Students to Gain Credit by Exam/Challenge

Course Special Class Status (CB13)

Course is not a special class.

Pre-Collegiate Level (CB21)

Not applicable.

Grading Basis

- Grade with Pass / No-Pass Option

Course Support Course Status (CB26)

Course is not a support course

General Education and C-ID

General Education Status (CB25)

Not Applicable

Transferability

Transferable to both UC and CSU

Transferability Status

Approved

Units and Hours

Summary

Minimum Credit Units (CB07)	3
Maximum Credit Units (CB06)	3
Total Course In-Class (Contact) Hours	72
Total Course Out-of-Class Hours	90
Total Student Learning Hours	162

Credit / Non-Credit Options

Course Type (CB04)

Credit - Degree Applicable

Noncredit Course Category (CB22)

Credit Course.

Noncredit Special Characteristics

No Value

Course Classification Code (CB11)

Credit Course.

☐ Variable Credit Course

Funding Agency Category (CB23)

Not Applicable.

☐ Cooperative Work Experience Education Status (CB10)

Weekly Student Hours

	In Class	Out of Class
Lecture Hours	2	4
Laboratory Hours	0	0
Studio Hours	2	1

Course Student Hours

Course Duration (Weeks)	18
Hours per unit divisor	54
Course In-Class (Contact) Hours	
Lecture	36
Laboratory	0
Studio	36

Total	72

Course Out-of-Class Hours

Lecture	72
Laboratory	0
Studio	18
Total	90

Time Commitment Notes for Students

No value

Units and Hours - Weekly Specialty Hours

Activity Name	Type	In Class	Out of Class
No Value	No Value	No Value	No Value

Pre-requisites, Co-requisites, Anti-requisites and Advisories

No Value

Entry Standards

Entry Standards

Read, write and converse in English.

Add, subtract, multiply and divided whole numbers and fractions.

Operate a personal computer, open and save files.

Course Limitations

Cross Listed or Equivalent Course

Specifications

Methods of Instruction

Methods of Instruction	Lecture

Methods of Instruction	Laboratory

Methods of Instruction	Multimedia

Methods of Instruction	Tutorial

Methods of Instruction	Collaborative Learning

Methods of Instruction	Demonstrations

Out of Class Assignments

- Digital editing and retouching of images (e.g. using Photoshop to edit and prepare images for printing)
- Preparing work for presentation (e.g. matting and mounting)

Methods of Evaluation	Rationale
Presentation (group or individual)	Individual and group critiques of projects
Exam/Quiz/Test	Midterm examinations
Exam/Quiz/Test	Final examination

Textbook Rationale

No Value

Textbooks

Author	Title	Publisher	Date	ISBN

| Evening, Martin | Adobe Photoshop for Photographers | Taylor and Francis | 2018 | 13 978-1138690240 |

Other Instructional Materials (i.e. OER, handouts)

No Value

Materials Fee

No value

Learning Outcomes and Objectives

Course Objectives

Identify digital image fundamentals

Apply scanning and importing image methods

Identify and use Photoshop's basic interface.

Apply open, create, resize, and save image methods.

Create and refine selections to make changes in a document.

Apply layer basics.

Apply basic image retouching and enhancing methods.

Use the paint, shape, pen, and type tools.

Use the ruler, a grid, guides, and set up their preferences.

Apply print methods.

Analyze technical and design effects on image.

SLOs

Correct the color and tone of photographic images both globally and locally using adjustment layers and masks in Adobe Photoshop.

Expected Outcome Performance: 70.0

ILOs	Demonstrate depth of knowledge in a course, discipline, or vocation by applying practical knowledge, skills, abilities, theories, or
Core	methodologies to solve unique problems.
ILOs	

Practice non-destructive image editing techniques to analyze and modify digital images while maintaining photographic quality.

Expected Outcome Performance: 70.0

ILOs	Analyze and solve problems using critical, logical, and creative thinking; ask questions, pursue a line of inquiry, and derive conclusions;
Core	cultivate creativity that leads to innovative ideas.
ILOs	
	Demonstrate depth of knowledge in a course, discipline, or vocation by applying practical knowledge, skills, abilities, theories, or methodologies to solve unique problems.

Create accurate selections for compositing and creating local image adjustments that blend seamlessly.

Expected Outcome Performance: 70.0

ILOs	Analyze and solve problems using critical, logical, and creative thinking; ask questions, pursue a line of inquiry, and derive conclusions;
Core	cultivate creativity that leads to innovative ideas.
ILOs	
	Demonstrate depth of knowledge in a course, discipline, or vocation by applying practical knowledge, skills, abilities, theories, or methodologies to solve unique problems.

Use Adobe Photoshop tools and techniques to provide natural corrective retouching for portraits and restoration of scanned images.

Expected Outcome Performance: 70.0

ILOs	Demonstrate depth of knowledge in a course, discipline, or vocation by applying practical knowledge, skills, abilities, theories, or
Core	methodologies to solve unique problems.
ILOs	

Additional SLO Information

Does this proposal include revisions that might improve student attainment of course learning outcomes?

No

Is this proposal submitted in response to learning outcomes assessment data?

No

If yes was selected in either of the above questions for learning outcomes, explain and attach evidence of discussions about learning outcomes.

No Value

SLO Evidence

No Value

Course Content

Lecture Content

Digital Images Fundamentals (2 Hours)
- Raster and vector
- Color modes and channels
- 8 bit and 16 bit files
- Common file types
- Histogram, clipping, and combing

Importing images into Photoshop (3 Hours)
- Scanning basics
- Importing images from external media and devices

Photoshop Interface (3 Hours)
- Basic preference settings

- Toolbox and option bar
- Palettes
- Commonly used menu items
- Help menu

Opening, Creating, Resizing, and Saving Images (3 Hours)
- Opening multiple images
- Creating documents for different types of output
- Image size, canvas size, and resolution
- Crop and transform
- Saving options

Creating Selections to Make Changes (3 Hours)
- Toolbox selection tools and quick-mask
- Refining and saving selections

Layer Basics (4 Hours)
- Create, duplicate, name, delete, move, select, link, lock, clip, opacity change
- Groups
- Layer styles and blend modes
- Smart objects
- Masking layers and groups
- Nondestructive layer setup

Basic Image Retouching and Enhancing (6 Hours)
- Methods Clone, heal, and patch tools
- Color Theory and Color Correction
- Adjustment layers including levels and curves
- Burn and dodge
- Blur and sharpen
- Correcting tone (density and contrast)
- Black and white conversion

Working with Paint Tools (3 Hours)
- Paint brush, pencil, paint bucket, gradient
- Brush options and palette settings
- Fill and stroke features

Working with Shape and Pen Tool (3 Hours)
- Vector and raster images
- Fill with path, path only, and raster layers
- Creating and manipulating a path

Working with Type, Ruler, Grid, and Guides (2 Hours)
- Type options, and palettes
- Ruler, grid and guide preference and menu items

Printing an Image (2 Hours)

Image Aesthetics (2 Hours)

Total Hours: 36

Laboratory/Studio Content

Processing, editing, and printing images in Photoshop imagines (36 Hours)
- Processing digital files
- Editing and evaluating images
- Printing work prints and final prints
- Preparing work for presentation

Total Hours: 36

Additional Information

Is this course proposed for GCC Major or General Education Graduation requirement? If yes, indicate which requirement in the two areas provided below.

No

GCC Major Requirements

No Value

GCC General Education Graduation Requirements

No Value

Repeatability

Not Repeatable

Justification (if repeatable was chosen above)

No Value

Resources

Did you contact your departmental library liaison?

No

If yes, who is your departmental library liason?

No Value

Did you contact the DEIA liaison?

No

Were there any DEIA changes made to this outline?

No

If yes, in what areas were these changes made:

No Value

Will any additional resources be needed for this course? (Click all that apply)

No Value

If additional resources are needed, add a brief description and cost in the box provided.

No Value