PHOTO100 : Digital Photography I

General Information

Author:	• Amy Oliver • Yamamoto, David
Course Code (CB01) :	PHOTO100
Course Title (CB02) :	Digital Photography I
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) :	CCC000626589
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 100 is an introductory digital photography course. Students will become acquainted with basic digital camera features, photo composition, and conceptual ways to create meaningful images. They will also learn digital camera controls including aperture, shutter, and light meter, methods to obtain proper exposures and creative control, and composition to improve image quality. Students will also learn the basics of image editing software such as Lightroom CC to organize and process their photographs. Note: Students must provide their own Adobe Lightroom CC site license. Digital Single Lens Reflex (DSLR) cameras are available for checkout from the Photography Department. Students may use their own digital camera if that camera is capable of manual operation. Students who have completed PHOTO 101 before Fall 2021 will not receive credit for this course.
Justification:	Mandatory Revision Content Change
Academic Career:	• Credit
Mode of Delivery:	
Author:	Amy Oliver
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	108
Total Course Out-of-Class Hours	54
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.

Funding Agency Category (CB23)

Not Applicable.

☐ Cooperative Work Experience Education Status (CB10)

☐ Variable Credit Course

Weekly Student Hours

	In Class	Out of Class
Lecture Hours	0	0
Laboratory Hours	0	0
Studio Hours	6	3

Course Student Hours

Course Duration (Weeks)	18
Hours per unit divisor	54
Course In-Class (Contact) Hours	
Lecture	0
Laboratory	0
Studio	108

Total	108

Course Out-of-Class Hours

Lecture	0
Laboratory	0
Studio	54
Total	54

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

Advisory

ESL125 - * Listening And Speaking II

Objectives

- Demonstrate understanding of recorded and live speeches, dialogues, instructions, and lectures.
- Control English sounds, intonation patterns, and word and sentence stress well enough to monitor their own communication.
- Communicate orally in informal dialogues, role playing, class discussion, and short speeches.
- Converse at a functional level adequate for everyday use on the campus and in the community.

AND

Advisory

ABSE20 - BASIC MATH

Objectives

- Compute problems dealing with whole numbers, fractions, decimals, and percent.
- Solve word problems involving whole numbers, fractions, decimals, and percent.

Entry Standards

Entry Standards
Comprehend taped and live, speeches, dialogues, instructions, and lectures.
Communicate orally in informal dialogues, role playing, class discussion, and short speeches.
Open and save files on a personal computer.

Course Limitations

Cross Listed or Equivalent Course

Specifications

Methods of Instruction

Methods of Instruction	Lecture
Methods of Instruction	Discussion
Methods of Instruction	Multimedia
Methods of Instruction	Collaborative Learning
Methods of Instruction	Demonstrations
Methods of Instruction	Field Activities (Trips)
Methods of Instruction	Presentations

Out of Class Assignments

- Digital photography projects (e.g. individual projects using digital methods to create photographs)
- Creating photographic prints and evaluating those prints

Methods of Evaluation	Rationale
Project/Portfolio	Student projects
Activity (answering journal prompt, group activity)	Individual and group critique of student work
Exam/Quiz/Test	Midterm examinations
Exam/Quiz/Test	Final examinations

Textbook Rationale

This is the most current edition of the textbook.

Textbooks

Author	Title	Publisher	Date	ISBN
London, Barbara et al.	Photography	Pearson Education	2017	978-0-13-448202-6

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

No Value

Materials Fee

A material/lab fee may be required for this course.

Learning Outcomes and Objectives

Course Objectives

Identify and use manual camera features.

Demonstrate depth of field and action control.

Examine characteristics of light.

Explain basic characteristics and use of digital image file formats.

Organize files in a digital library using software such as Adobe Lightroom CC.

Process digital images to correct color and tone.

Define and analyze technical and composition effects on images.

Create photographs that purposefully communicate a visual idea.

Create output files for print and web.

SLOs

Create and evaluate digital photographic images. Expected Outcome Performance: 70.0

ILOs Core ILOs	Analyze and solve problems using critical, logical, and creative thinking; ask questions, pursue a line of inquiry, and derive conclusions; cultivate creativity that leads to innovative ideas.

Apply basic photo editing and archiving software for digital images. Expected Outcome Performance: 70.0

PHOTO Photography A.S. Degree	Create a cohesive photographic project that is conceptually and technically well developed
	Prepare for a career in Photography by completing the Photography degree or certificate
	Use, develop, and integrate digital photography techniques and workflows into their photographic practice
ILOs Core 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 a project that consists of a cohesive set of photos that work as a series. Expected Outcome Performance: 70.0

ILOs Core ILOs	Analyze and solve problems using critical, logical, and creative thinking; ask questions, pursue a line of inquiry, and derive conclusions; cultivate creativity that leads to innovative ideas.
	Demonstrate depth of knowledge in a course, discipline, or vocation by applying practical knowledge, skills, abilities, theories, or methodologies to solve unique problems.
PHOTO Photography A.S. Degree	Create a cohesive photographic project that is conceptually and technically well developed
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	Use, develop, and integrate digital photography techniques and workflows into their photographic practice

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

No value

Laboratory/Studio Content

The Historical and Social Context of Camera Based Imagery (3 hours)
- The invention of photography
- Early photographic processes
- Historical use and social impact
- Modern traditional photographic processes
- Contemporary use and social impact
- Digital photographic processes

Elements and Principles of Design in Photographs (5 hours)
- Spot and line
- Shape and pattern
- Emphasis and balance
- Perspective and distance
- Color and contrast
- Foreground, middle ground, and background

Creative use of Digital Camera Controls (8 hours)
- Light meters and exposure
- Focal length, angle of view, and viewpoint
- Aperture and depth of field
- Shutter speed control
- White balance & color temperature

Image Concept and Content Development (5 hours)
- Content applying principles of design
- Applying camera controls for visual impact
- Emotional impact of camera based images
- Photographs in mainstream culture
- Photographs as documents
- Photographs as art contemporary photographic practices

Digital Photographic Techniques (10 hours)
- Image file formats
- Digital capture formats
- Film speed and noise
- Exposure control Image file processing and editing
- Archiving digital images
- Digital printing
- Exporting images for web and print
- Focusing and metering modes on digital cameras

File Organization (5 hours)
- Understanding metadata in digital images
- Adding copyright attribution to images
- Adding keywords
- Searching a database using metadata
- Creating and sharing albums for organization and collaboration

Group and Individual Critiques of Photographic Works (18 hours)
- Discussion of historic photographers
- Discussion of modern and contemporary photographers
- Critique of work produced by students

Digital Photography Image Processing and Printing (54 hours)
- Processing digital image in image editing software
- Archiving images in digital libraries

- Editing and evaluating images individually and in groups
- Preparing files to print at a lab
- Working with an outside lab

Total Hours: 108

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?

Adina Lerner (Technology & Aviation, Visual & Performing Arts)

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

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

No Value