

PHOTO112 : Lighting II

General Information

Author:	<ul style="list-style-type: none">David Yamamoto
Course Code (CB01) :	PHOTO112
Course Title (CB02) :	Lighting II
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) :	CCC000651651
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 112 is a course in which students work in the lighting studio using strobes. Students learn the principles of studio strobe lighting, key, fill, background setups, exposure control for strobes. Students learn to use and control studio strobe lighting systems. Students create projects using course content. Photographic works of significant photographers are presented throughout the course.
Justification:	Mandatory Revision Content Change
Academic Career:	<ul style="list-style-type: none">Credit
Mode of Delivery:	No value
Author:	<ul style="list-style-type: none">David Yamamoto
Course Family:	No value

Academic Senate Discipline

Primary Discipline:	<ul style="list-style-type: none">Photographic Technology/ Commercial Photography
Alternate Discipline:	<ul style="list-style-type: none">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 Only
- 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 CSU only

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.

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	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

Prerequisite

PHOTO111 - Lighting I (in-development)

Objectives

- Describe and analyze the social history and significance of photographic works.
- Identify and apply sources and characteristics of available light.
- Identify and apply color temperature.
- Apply working principles for hot lights.
- Apply lighting technique to image concept.
- Apply working principles for a lighting studio.
- Apply working principles for on-camera flash.

Entry Standards

Entry Standards

Course Limitations

Cross Listed or Equivalent Course

Learning Outcomes and Objectives

Course Objectives

Effectively utilize available light.

Apply working principles for environmental lighting.

Describe the social history and significance of photographic works.

Apply lighting to enhance image.

Apply exposure calculations and compensations.

Apply lighting principles for basic portraiture.

Apply lighting principles for table top photography.

Analyze technical and lighting effects on image design.

SLOs

Apply and control studio strobes.

Expected Outcome Performance: 70.0

<i>ILOs</i> 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.
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<i>PHOTO</i> Visual Arts: Photography - A.A. Degree Major	Proficiency in available light photography
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<i>PHOTO</i> Photography - A.S. Degree Major	demonstrate proficiency in available and studio light
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<i>PHOTO</i> Photography - Certificate	demonstrate proficiency in available and studio light
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Utilize tethered capture systems in studio.

Expected Outcome Performance: 70.0

<i>ILOs</i> 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.
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<i>PHOTO</i> Visual Arts: Photography - A.A. Degree Major	Proficiency in available light photography
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PHOTO
Photography - Certificate

demonstrate proficiency in available and studio light

demonstrate proficiency in traditional and digital photography workflows.

PHOTO
Photography - A.S. Degree
Major

demonstrate proficiency in available and studio light

demonstrate proficiency in traditional and digital photography workflows

Analyze and articulate studio lighting concepts and ideas.

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.

Communicate clearly, ethically, and creatively; listen actively and engage respectfully with others; consider situational, cultural, and personal contexts within or across multiple modes of communication.

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

PHOTO
Visual Arts: Photography - A.A.
Degree Major

Proficiency in available light photography

PHOTO
Photography - Certificate

demonstrate proficiency in available and studio light

demonstrate proficiency in traditional and digital photography workflows.

to produce a cohesive photographic project that is conceptually and technically well developed

PHOTO
Photography - A.S. Degree
Major

demonstrate proficiency in available and studio light

demonstrate proficiency in traditional and digital photography workflows

produce a cohesive photographic project that is conceptually and technically well developed

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

Course Introduction (2 Hours)

- Lab and studio safety, policies and procedures
- Course structure and procedures

Significant Studio Photographers and Studio Works (14 Hours)

- Concepts, content and photographic themes
- Critical analysis of work
- Photographic mediums and techniques

Strobe Photography (8.5 Hours)

- Working with strobes in studio and on location
- Characteristics of strobes
- Studio safety key, fill, and accent lights

Light and Image Concept (6.5 Hours)

- Time of day and location
- Exposure calculations and compensations
- Effective use of camera controls with strobes
- Using multipoint metering
- Utilizing the inverse square law and lighting ratios

Historic and Contemporary Studio Lighting Techniques (4.5 Hours)

- Current and past lighting practices
- Changes and trends in technology
- Critical analysis of historical practices
- Critical analysis of contemporary practices

Group and Individual Critiques of Photographic Works (14 Hours)

- Analysis of historic photographers
- Analysis of modern and contemporary photographers
- Critique of work produced by students

Light for Portraiture (4.5 Hours)

- Advanced portrait lighting
- Techniques for controlling subject tonal range

Shooting Studio Lighting Projects (54 Hours)

- Pre-production to prepare for shoots
- Concept development through lighting
- Shooting in studio using strobes
- Processing and editing images for proof printing

- Printing work prints and final prints
- Preparing work for presentation

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 liaison?

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

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

No Value