

# PHOTOGRAPHY

## Contact Information

### Division

Liberal Arts

### Dean

Anne Fleischmann (Interim)

### Associate Deans

Susan Lucyga, Lynn Medeiros (Interim)

### Division Office

W 107, Rocklin Campus

## Overview

Photography is offered as a creative means of visual expression with artistic and commercial application. Opportunities for experimental and applied aspects are provided from the beginning through advanced levels. A serious effort is made to structure offerings so that students can attain individual goals in the field of Photography. Photographic skills complement other diverse fields such as science, environmental studies, law enforcement, teaching, anthropology, art and real estate. This complementary aspect is also stressed in the program.

TRANSFER MAJOR REQUIREMENTS in Photography are available in the Counseling Center. In all cases, students should consult with a counselor for specific transfer requirements.

## Faculty

### Kirkman N. Amyx

#### Assistant Professor, Photography

B.F.A., Art Center College of Design

M.F.A., San Jose State University

### Randy L. Snook

#### Professor, Photography/Applied Art and Design

B.A., California State University, Sacramento

M.F.A., Lesley University Art Institute of Boston

## Degrees/Certificates

### Associate Degree

- Photography (p. 1)

### Certificate of Achievement

- Photography (p. 2)

### Skills Certificates

- Alternative Processes in Photography (p. 2)
- Color Photography (p. 2)
- Digital Imaging (p. 3)
- Landscape Photography (p. 3)
- Narrative Photography (p. 3)
- Photographic Processes (p. 3)
- Portrait, Fashion and Wedding Photography (p. 3)

## Photography

### AA or AS Degree

Positions for which students of photography are qualified are professional photographer, commercial photographer, advertising and photographic journalism. Students must fulfill the following major requirements with grades of "C" or better, complete a minimum of 60 degree-applicable semester units (12 of which must be completed at Sierra College) with a grade point average of at least 2.0 and complete one of the following three general education patterns:

- Sierra College Associate Degree Requirements (<http://catalog.sierracollege.edu/archive/2016-2017/student-resources/general-education/associate-degree-requirements>) ;
- California State University General Education Breadth (<http://catalog.sierracollege.edu/archive/2016-2017/student-resources/general-education/california-state-university-general-education-breadth-requirements>) pattern;
- Intersegmental General Education Transfer Curriculum (IGETC) (<http://catalog.sierracollege.edu/archive/2016-2017/student-resources/general-education/intersegmental-general-education-transfer-curriculum-igetc>) .

### Required Courses

PHOT 0010	History and Aesthetics of Photography (also ARHI 0134)	3
PHOT 0060A	Elementary Photography	3
PHOT 0060B	Intermediate Photography	3
PHOT 0065	Documentary Photography	2-3
or PHOT 0085	Photojournalism	
PHOT 0070A	Advanced Photography	3
PHOT 0075	Introduction to Digital Imaging (also AAD 0075)	3

### Select 7-9 units from the following:

AAD 0020	Portfolio Development and Presentation	
AAD 0079	Introduction to Digital Filmmaking	
ART 0004A	Drawing I	
PHOT 0028	Independent Study (up to 1 unit)	
PHOT 0030	Photographing Works of Art (also AAD 0030)	
PHOT 0061A	Photography Laboratory Experience: Elementary	
or PHOT 0061B	Photography Laboratory Experience: Intermediate	
or PHOT 0071A	Photography Studio Experience	
or PHOT 0071B	Photography Studio Experience: Advanced	
PHOT 0065	Documentary Photography	
PHOT 0070B	Advanced Photography	
PHOT 0076	Advanced Projects in Digital Imaging (also AAD 0076)	
PHOT 0078	Digital Photography	
PHOT 0080	Color Photography	
PHOT 0085	Photojournalism	
PHOT 0088	Business Practices for Photographers	
PHOT 0090B	Field Workshop: Cityscape <sup>1</sup>	
or PHOT 0090G	Pinhole Photography Workshop	
or PHOT 0090H	Documentary Field Workshop	
or PHOT 0090I	Night Photography Field Workshop	

or PHOT 0090J Photojournalism Field Workshop  
 or PHOT 0090L Field Workshop: Landscape  
 or PHOT 0090M Autobiographical Photography  
 or PHOT 0090N Field Workshop: Color Nature Photography  
 or PHOT 0090P Workshop: Portraiture  
 or PHOT 0090T Travel Photography Field Workshop

PHOT 0092	Alternative Processes
PHOT 0095	Internship in Photography (up to 2 units)

Total Units	24-27
-------------	-------

<sup>1</sup> Only 2 units total may be taken from the PHOT 90B-90T workshop courses.

## Photography

### Certificate of Achievement

A certificate is designed to provide career technical skills; it is not equivalent to an associate degree.

#### Required Courses

PHOT 0010	History and Aesthetics of Photography (also ARHI 0134)	3
PHOT 0060A	Elementary Photography	3
PHOT 0065	Documentary Photography	2-3
or PHOT 0085	Photojournalism	
PHOT 0070A	Advanced Photography	3
PHOT 0075	Introduction to Digital Imaging (also AAD 0075)	3
PHOT 0078	Digital Photography	3
PHOT 0088	Business Practices for Photographers	3
<b>Select 9 units from the following:</b>		<b>9</b>

AAD 0020	Portfolio Development and Presentation
----------	--

AAD 0079	Introduction to Digital Filmmaking
----------	------------------------------------

ART 0004A	Drawing I
-----------	-----------

PHOT 0028	Independent Study (up to 1 unit)
-----------	----------------------------------

PHOT 0030	Photographing Works of Art (also AAD 0030)
-----------	--

PHOT 0060B	Intermediate Photography
------------	--------------------------

PHOT 0061A	Photography Laboratory Experience: Elementary
------------	---

or PHOT 0061B Photography Laboratory Experience: Intermediate

or PHOT 0071A Photography Studio Experience

or PHOT 0071B Photography Studio Experience: Advanced

PHOT 0065	Documentary Photography
-----------	-------------------------

PHOT 0070B	Advanced Photography
------------	----------------------

PHOT 0076	Advanced Projects in Digital Imaging (also AAD 0076)
-----------	--

PHOT 0080	Color Photography
-----------	-------------------

PHOT 0085	Photojournalism
-----------	-----------------

PHOT 0090B	Field Workshop: Cityscape <sup>1</sup>
------------	--

or PHOT 0090G Pinhole Photography Workshop

or PHOT 0090H Documentary Field Workshop

or PHOT 0090I Night Photography Field Workshop

or PHOT 0090J Photojournalism Field Workshop

or PHOT 0090L Field Workshop: Landscape

or PHOT 0090M Autobiographical Photography

or PHOT 0090N Field Workshop: Color Nature Photography

or PHOT 0090P Workshop: Portraiture

or PHOT 0090T Travel Photography Field Workshop

PHOT 0092	Alternative Processes
-----------	-----------------------

PHOT 0095	Internship in Photography (up to 2 units)
-----------	---

Total Units	29-30
-------------	-------

<sup>1</sup> Only 2 units total may be taken from the PHOT 90B-90T workshop courses.

## Alternative Processes in Photography

### Skills Certificate

For those students who want to broaden their expressive abilities beyond the traditional photographic image. Helps prepare students for creative image making for the advertising and portrait photography markets. A skills certificate is designed to provide career technical skills; it is not equivalent to an associate degree.

#### Required Courses

PHOT 0060B	Intermediate Photography	3
PHOT 0092	Alternative Processes	3

**Select 1 unit from the following:** 1

PHOT 0061B	Photography Laboratory Experience: Intermediate
------------	---

PHOT 0090G	Pinhole Photography Workshop
------------	------------------------------

Total Units	7
-------------	---

## Color Photography

### Skills Certificate

Assists in preparing students to create visually stimulating images utilizing the power of color. Focuses on the aesthetic use of color, as well as technical mastery of color balancing, accuracy and manipulation. These skills are necessary for both laboratory technicians and photographers. A skills certificate is designed to provide career technical skills; it is not equivalent to an associate degree.

#### Required Courses

**Select 10 units from the following:** 10

PHOT 0030	Photographing Works of Art (also AAD 0030)
-----------	--

PHOT 0075	Introduction to Digital Imaging (also AAD 0075)
-----------	---

PHOT 0078	Digital Photography
-----------	---------------------

PHOT 0080	Color Photography
-----------	-------------------

PHOT 0090B	Field Workshop: Cityscape (up to 1 unit)
------------	--

PHOT 0090I	Night Photography Field Workshop (up to 1 unit)
------------	---

PHOT 0090L	Field Workshop: Landscape (up to 1 unit)
------------	--

PHOT 0090N	Field Workshop: Color Nature Photography (up to 1 unit)
------------	---

PHOT 0090T	Travel Photography Field Workshop (up to 1 unit)
------------	--

Total Units	10
-------------	----

## Digital Imaging

### Skills Certificate

Designed for students interested in becoming proficient with photographic image capture, preparation and manipulation on the computer. Valuable for those preparing for a career as a photographer, photographic lab technician, or for those upgrading their skills. A skills certificate is designed to provide career technical skills; it is not equivalent to an associate degree.

#### Required Courses

PHOT 0075	Introduction to Digital Imaging (also AAD 0075)	3
PHOT 0076	Advanced Projects in Digital Imaging (also AAD 0076)	3
PHOT 0078	Digital Photography	3
PHOT 0080	Color Photography	3
Total Units		12

## Landscape Photography

### Skills Certificate

Course work in landscape photography trains students in the techniques utilized in creating expressive images of the environment. Helps prepare students for capturing the landscape for stock photography use, magazines, web sites and other visual media. A skills certificate is designed to provide career technical skills; it is not equivalent to an associate degree.

#### Required Courses

<b>Select 8 units from the following:</b>		8
PHOT 0078	Digital Photography	
PHOT 0080	Color Photography	
PHOT 0090B	Field Workshop: Cityscape (up to 1 unit)	
PHOT 0090L	Field Workshop: Landscape (up to 1 unit)	
PHOT 0090N	Field Workshop: Color Nature Photography (up to 1 unit)	
PHOT 0090T	Travel Photography Field Workshop (up to 1 unit)	
Total Units		8

## Narrative Photography

### Skills Certificate

This certificate trains students to photograph assignments in such a way that they tell a story. Appropriate for those interested in gaining skills used by photojournalists, documentary and editorial photographers. A skills certificate is designed to provide career technical skills; it is not equivalent to an associate degree.

#### Required Courses

<b>Select 11 units from the following:</b>		11
PHOT 0060B	Intermediate Photography	
PHOT 0065	Documentary Photography	
PHOT 0080	Color Photography	
or AAD 0079	Introduction to Digital Filmmaking	
PHOT 0085	Photojournalism	
PHOT 0090H	Documentary Field Workshop (up to 1 unit)	

PHOT 0090J	Photojournalism Field Workshop (up to 1 unit)
PHOT 0090M	Autobiographical Photography (up to 1 unit)
PHOT 0090T	Travel Photography Field Workshop (up to 1 unit)

Total Units	11
-------------	----

## Photographic Processes

### Skills Certificate

Designed to give students a broad range of skills used by both laboratory technicians and photographers. Helps train students to handle a wide range of difficult assignments and creative techniques. A skills certificate is designed to provide career technical skills; it is not equivalent to an associate degree.

#### Required Courses

<b>Select 12 units from the following:</b>		12
PHOT 0030	Photographing Works of Art (also AAD 0030)	
PHOT 0060B	Intermediate Photography	
PHOT 0075	Introduction to Digital Imaging (also AAD 0075)	
PHOT 0078	Digital Photography	
PHOT 0080	Color Photography	
PHOT 0090G	Pinhole Photography Workshop (up to 1 unit)	
PHOT 0090I	Night Photography Field Workshop (up to 1 unit)	
PHOT 0092	Alternative Processes	
Total Units		12

## Portrait, Fashion and Wedding Photography

### Skills Certificate

For those students interested in preparing for a career in portrait, fashion, or wedding photography. Designed to help train students in portrait techniques and portfolio presentation along with providing an opportunity for students to work with a photographer in the industry. A skills certificate is designed to provide career technical skills; it is not equivalent to an associate degree.

#### Required Courses

<b>Select 13 units from the following:</b>		13
PHOT 0070A	Advanced Photography	
PHOT 0070B	Advanced Photography	
PHOT 0078	Digital Photography	
PHOT 0088	Business Practices for Photographers	
PHOT 0090H	Documentary Field Workshop (up to 1 unit)	
PHOT 0090J	Photojournalism Field Workshop (up to 1 unit)	
PHOT 0090P	Workshop: Portraiture (up to 1 unit)	
Total Units		13

## Courses

Understanding course descriptions (<http://catalog.sierracollege.edu/archive/2016-2017/student-resources/course-information/understanding-course-descriptions>)

### **PHOT 0010. History and Aesthetics of Photography**

*Units: 3*

Also known as ARHI 134

Hours: 54 lecture

Historical and thematic survey of photography as an art form and communication tool from its invention to the present. Explores various critical perspectives including aesthetic and design principles, influential themes, periods, and photographers. Investigates technical considerations, photography's role in the development of mass culture and other societal influences. (CSU, UC)

### **PHOT 0028. Independent Study**

*Units: 1-3*

Designed for students interested in furthering their knowledge at an independent study level in an area where no specific curriculum offering is currently available. Independent study might include, but is not limited to, research papers, special subject area projects, and research projects. See Independent Study page in catalog. (CSU)

### **PHOT 0030. Photographing Works of Art**

*Units: 0.5*

Also known as AAD 30

Hours: 13 (7 lecture, 6 laboratory)

Methods and procedures involved in reproducing works of art into digital files, prints, or slides for cataloging, portfolios, or publication. Covers equipment needed for both artificial and natural light situations, camera considerations, proper exposure, and presentation of copy work for both two-dimensional and three-dimensional art. Students must furnish digital or film camera, processing, storage and presentation materials. (CSU)

### **PHOT 0060A. Elementary Photography**

*Units: 3*

Hours: 72 (36 lecture, 36 activity)

Aesthetic use of digital and film cameras. Elements of design and influence of photography as an art form explored. Topics include subject selection, exposure control, composition, lighting, digital and film camera usage, film development, enlarging, print finishing, presentation, and responses to photographs within framework of historical and current perspectives. Students must furnish digital storage media, film and photographic printing paper. Providing an interchangeable lens digital or film camera recommended but not required. (CSU, UC)

### **PHOT 0060B. Intermediate Photography**

*Units: 3*

Prerequisite: Completion of PHOT 60A with grade of "C" or better

Hours: 72 (36 lecture, 36 activity)

Technical and experimental aspects of black and white photographic tools and techniques stressing the creative use of photography. Topics include creative camera and darkroom experimentation, medium format and toy cameras, macro photography, archival permanence and the handmade book. Students must furnish film, paper and presentation materials. (CSU, UC)

### **PHOT 0061A. Photography Laboratory Experience: Elementary**

*Units: 0.5-1*

Formerly known as PHOT 61

Corequisite: Concurrent enrollment in PHOT 60A

Hours: 27 laboratory per .5 unit

Photography laboratory practice and production. Provides individual assistance with projects requiring digital image editing, film processing and darkroom printing. Optional photographic laboratory course to accompany PHOT 60A. (not transferable)

### **PHOT 0061B. Photography Laboratory Experience: Intermediate**

*Units: 0.5-1*

Corequisite: Concurrent enrollment in PHOT 60B

Hours: 27 laboratory per .5 unit

Photography laboratory practice and production. Provides individual assistance with projects requiring intermediate level film processing and darkroom printing. Optional photographic laboratory course to accompany PHOT 60B. (not transferable)

### **PHOT 0065. Documentary Photography**

*Units: 3*

Prerequisite: Completion of PHOT 60A or 78 with grade of "C" or better

Hours: 72 (36 lecture, 36 activity)

Photographic essay as a focused body of work. Historical origins and cultural impact of documentary photography. Contemporary practitioners, organization of visual essays, and documentary video capture. Students select projects of personal interest and cultural relevance and participate in assigned group projects. Students must supply camera, digital media or film, and presentation materials. (CSU)

### **PHOT 0070A. Advanced Photography**

*Units: 3*

Prerequisite: Completion of PHOT 60A with grade of "C" or better

Advisory: Completion of PHOT 78 with grade of "C" or better

Hours: 72 (36 lecture, 36 activity)

Studio topics in portraiture and still life with emphasis on photographic communication and expression of ideas through controlled lighting. Concentration on creative control in camera use, exposure, and composition. For students seeking a career in photography or one of its related fields, and for those who desire additional and advanced creative or technical work. Students must furnish camera, film or digital media, paper and presentation materials. (CSU)

### **PHOT 0070B. Advanced Photography**

*Units: 3*

Prerequisite: Completion of PHOT 70A with grade of "C" or better

Hours: 72 (36 lecture, 36 activity)

Additional creative and technical work with lighting, composition, and portfolio development. Concentration on refining studio techniques used in commercial and fine art photography. Students work with medium and large format cameras and a variety of film choices including digital. Students must furnish film, paper, and presentation materials. (CSU)

### **PHOT 0071A. Photography Studio Experience**

*Units: 0.5-1*

Corequisite: Concurrent enrollment in PHOT 70A

Hours: 27 laboratory per .5 unit

Photography studio practice and production. Provides individual assistance with projects requiring studio lighting, image capture, retouching and printing. Optional studio lighting course to accompany PHOT 70A. (not transferable)

**PHOT 0071B. Photography Studio Experience: Advanced***Units: 0.5-1*

Corequisite: Concurrent enrollment in PHOT 70B

Hours: 27 laboratory per .5 unit

Advanced photography studio practice and production. Provides individual assistance with advanced projects requiring studio lighting, image capture, retouching and printing. Optional studio lighting course to accompany PHOT 70B. (not transferable)

**PHOT 0075. Introduction to Digital Imaging***Units: 3*

Also known as AAD 75

Advisory: Completion of AAD 70 with grade of "C" or better

Hours: 72 (36 lecture, 36 activity)

Introduction to the acquisition and computer manipulation of photographs for design and photography. Analysis and critique of images from initial concept to final project creation. Basic scanning, image adjustments, retouching, compositing, and file preparation for printing and other uses. (CSU, UC)

**PHOT 0076. Advanced Projects in Digital Imaging***Units: 3*

Also known as AAD 76

Advisory: Completion of PHOT 75/AAD 75 and PHOT 60A with grades of "C" or better recommended

Hours: 72 (36 lecture, 36 activity)

Advanced digital project development. Creating original images from a variety of input devices including scanners and digital cameras. Speed building in editing techniques. Use of various output methods appropriate for specific projects. Evaluations and critiques of completed projects. (CSU)

**PHOT 0078. Digital Photography***Units: 3*

Prerequisite: Completion of PHOT 60A with grade of "C" or better

Hours: 72 (36 lecture, 36 activity)

Use of digital cameras for direct capture of photographic images. Emphasis on practical use of the digital camera in real world situations. Creative and technical controls offered by digital cameras, image file management and image optimization. Color management and digital output to inkjet and silver-based printers. Basic video capture with digital still cameras. (CSU)

**PHOT 0080. Color Photography***Units: 3*

Prerequisite: Completion of PHOT 78 or PHOT 75/AAD 75 with grade of "C" or better

Hours: 72 (36 lecture, 36 activity)

A concentration in the study of the history of color photography, color theory, color symbolism, and color as a communication element in photography. Composition, exposure, and theme in creating expressive color photographs also covered. In-depth study of camera usage, lighting, and digital processing techniques to produce accurate color and the creative use of color. Implementation of a color-managed workflow to produce accurate color from digital capture to print. Students create digital prints and slideshows utilizing the expressive use of color. Students must provide a digital camera. (CSU, UC)

**PHOT 0085. Photojournalism***Units: 2*

Prerequisite: Completion of PHOT 60A or 78 with grade of "C" or better

Hours: 54 (18 lecture, 36 activity)

Theory and practice of photography for publication in newspapers and magazines. Emphasis on communication with single images and photographic essays. Simulations of professional assignments including deadlines. College publications may be utilized for practical application. Students must furnish digital camera and computer storage media. (CSU)

**PHOT 0088. Business Practices for Photographers***Units: 3*

Advisory: Completion of a minimum of three photography courses

Hours: 54 lecture

Successful business practices for commercial and fine art photographers. Elements of starting and running a photography business, including overhead, taxes, insurance, copyright law, contracts, pricing, marketing and advertising. Overview of business resources provided by professional photography organizations. Creation of a business plan related to the students' career goals. (CSU)

**PHOT 0090B. Field Workshop: Cityscape***Units: 0.5-3*

Advisory: Completion of PHOT 60A or 78 with grade of "C" or better

Hours: 13 (7 lecture, 6 activity) per .5 unit

Exploration of the city and urban environments as subject matter. Topics include camera and lens use, composition, equipment, metering and lighting, and the traditions of cityscape photography. Location of field study will vary. Students must supply camera, digital media or film and presentation materials. (CSU)

**PHOT 0090G. Pinhole Photography Workshop***Units: 0.5-3*

Advisory: Completion of PHOT 60A with grade of "C" or better

Hours: 13 (7 lecture, 6 activity) per .5 unit

Design, construction and use of simple, inexpensive lensless cameras from containers of various sizes and shapes with emphasis on function and aesthetics. Aperture calculations and effects of camera shape upon image distortion. Comparisons with traditional cameras and photography. Historical background and current resurgent interest in pinhole photography explored. (CSU)

**PHOT 0090H. Documentary Field Workshop***Units: 0.5-3*

Advisory: Completion of PHOT 60A or 78 with grade of "C" or better

Hours: 13 (7 lecture, 6 activity) per .5 unit

Intensive field workshop covering specific locations, methods and processes of documentary record making and interpretation. Students must supply camera, digital media or film, and presentation materials. Location of field study will vary. (CSU)

**PHOT 0090I. Night Photography Field Workshop***Units: 0.5-3*

Advisory: Completion of PHOT 60A with grade of "C" or better

Hours: 13 (7 lecture, 6 activity) per .5 unit

Intensive field workshop covering methods and processes of night, artificial and available light photography. Topics include camera and lens use, composition, digital and film capture, filters, equipment, metering, lighting, and the unique aspects of the event, region or situation being studied. Specific locations and lighting circumstances vary. Students must furnish camera, film or digital media, processing and presentation materials. (CSU)

**PHOT 0090J. Photojournalism Field Workshop***Units: 0.5-3*

Advisory: Completion of PHOT 60A or 78 with grade of "C" or better

Hours: 13 (7 lecture, 6 activity) per .5 unit

Intensive field workshop covering specific events, styles, locations, methods, and processes of photojournalism. Topics include camera and lens use, composition, equipment, metering and lighting, working methods of photojournalists and the unique aspects of the event or region being studied. Students must furnish digital camera. (CSU)

**PHOT 0090L. Field Workshop: Landscape***Units: 0.5-3*

Advisory: Completion of PHOT 60A or 78 with grade of "C" or better

Hours: 13 (7 lecture, 6 activity) per .5 unit

Exploration of landscape photography. Topics include camera and lens use, composition, equipment, metering and lighting, the social contribution of landscape photography and the unique aspects of region being studied. Aspects of travel photography also explored. Location of field study will vary. Students must supply camera, digital media or film and presentation materials. (CSU)

**PHOT 0090M. Autobiographical Photography***Units: 0.5-3*

Advisory: Completion of PHOT 60A with grade of "C" or better

Hours: 13 (7 lecture, 6 activity) per .5 unit

Photography as a tool of expression, exploration and documentation. Topics include autobiographical references in art and photography, point of view, self as subject, varieties of personal description and narration, and the influence of context such as gender, age, family, and culture upon visual communication. Students must furnish camera, film or digital media, print processing and presentation supplies. (CSU)

**PHOT 0090N. Field Workshop: Color Nature Photography***Units: 0.5-3*

Advisory: Completion of PHOT 60A or 78 with grade of "C" or better

Hours: 13 (7 lecture, 6 activity) per .5 unit

Exploration of color nature photography. Topics include subject selection, the impact and use of color, capturing accurate vs. altered color, equipment, composition, metering and overcoming the challenges of location and weather. Students must supply camera, digital media or film and presentation materials. (CSU)

**PHOT 0090P. Workshop: Portraiture***Units: 0.5-3*

Prerequisite: Completion of PHOT 60A or 78 with grade of "C" or better

Hours: 13 (7 lecture, 6 activity) per .5 unit

Exploration of portraiture in outdoor settings. Topics include camera, lens and equipment selection, camera use, lighting, posing, and composition. Students must supply camera, digital media or film, and presentation materials. Location of field study will vary. (CSU)

**PHOT 0090T. Travel Photography Field Workshop***Units: 0.5-3*

Advisory: Completion of PHOT 60A with grade of "C" or better

Hours: 13 (7 lecture, 6 activity) per .5 unit

Intensive field workshop covering specific locations, methods and processes of travel photography in domestic and international locations. Includes visual themes, narrative and individual images, editorial and stock photography, composition, digital or film cameras, materials and equipment, exposure, selection and presentation of photographs. Overview of the population, habitat, environment and geography, culture and traditions of the region being studied. Special considerations of travel photography. Students must furnish camera, film or digital media, processing and presentation supplies. (CSU)

**PHOT 0092. Alternative Processes***Units: 3*

Prerequisite: Completion of PHOT 60A with grade of "C" or better

Hours: 72 (36 lecture, 36 activity)

Exploration of alternative photographic processes, many of which were first developed in the 19th century and are known for producing expressive prints with a unique look. Merging of digital technology and non-traditional printing explored. Processes may include: cyanotype, Van Dyke brown, gum dichromate, hand-coated silver emulsion, and laser transfers. (CSU)

**PHOT 0095. Internship in Photography***Units: 0.5-4*

Designed for advanced students to work in an area related to their educational or occupational goal. Provides new on-the-job technical training under the direction of a worksite supervisor, allowing students to expand knowledge and skills in the chosen field. Mandatory orientation session and faculty approval to determine eligibility. Students may earn up to a total of 16 units in internship courses (any course numbered 95 and PDEV 94). (CSU-with unit limitation)

## Program Student Learning Outcomes (PSLOs)

- Analyze the major historical and contemporary trends and influences within the medium of photography.
- Critique photographs orally and in writing for content, composition, craftsmanship, and originality with terminology commonly used in art and photography.
- Create photographs demonstrating good exposure control under a wide variety of lighting situations, including both natural and studio lighting.
- Utilize the darkroom or computer to produce final images that have appropriate contrast, density and color as well as incorporate the elements of design, design, principles and compositional conventions.
- Distinguish between the key principles of copyright laws and understand industry business practices, and other legal and ethical considerations.
- Develop a portfolio of images that illustrates the student photographer's style, skill with the medium and subject area interests.