Photography

Overview

The photography program is designed to teach entry-level skills for careers in the photographic industry. Students interested in photography as visual expression or an adjunct to a vocation will also benefit. Flexibility of the advanced program allows a student to concentrate upon a specific photographic career area. Students planning to prepare for a four-year degree in Photography should consult the lower division requirements of the university to which they plan to transfer.

Degrees and Certificates Offered

A.A. in Art-Photo
A.A. in Photography
Commercial and Studio Photography Certificate
Fine Art Photography Certificate
Portraiture and Wedding Photography Certificate

Associate Degrees

A.A. in Art-Photo

The art-photography program is designed to teach students fine art photography with an emphasis in black and white film based processes. Critical analysis, history and current theories in photography are also requirements.

Students planning to prepare for a four-year degree in Photography should consult the lower division requirements of the university to which they plan to transfer.

Catalog Date: January 1, 2022

Degree Requirements

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 300</td>
<td>Drawing and Composition I</td>
<td>3</td>
</tr>
<tr>
<td>PHOTO 301</td>
<td>Beginning Photography (3)</td>
<td>3</td>
</tr>
<tr>
<td>PHOTO 420</td>
<td>History of Photography (3)</td>
<td>3</td>
</tr>
<tr>
<td>PHOTO 310</td>
<td>Intermediate Photography (3)</td>
<td>3</td>
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<tr>
<td>ARTH 300</td>
<td>Art Appreciation (3)</td>
<td>3</td>
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<tr>
<td>ART 304</td>
<td>Figure Drawing I (3)</td>
<td>3</td>
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<tr>
<td>or ART 361</td>
<td>Printmaking: Survey (3)</td>
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<tr>
<td>PHOTO 320</td>
<td>Color Photography (3)</td>
<td>3</td>
</tr>
<tr>
<td>PHOTO 360</td>
<td>Large Format Photography (3)</td>
<td>3</td>
</tr>
<tr>
<td>PHOTO 365</td>
<td>Alternative Process Photography (3)</td>
<td>3</td>
</tr>
<tr>
<td>or PHOTO 364</td>
<td>Advanced Black and White Photography (3)</td>
<td></td>
</tr>
</tbody>
</table>

Total Units: 27

The Art-Photo Associate in Arts (A.A.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See CRC graduation requirements.
Upon completion of this program, the student will be able to:

- SLO #1 Produce a portfolio that conveys creative self expression.
- SLO #2 Work with silver based and alternative processes in black and white photography.
- SLO #3 Use a variety of film based cameras, including medium and large format.
- SLO #4 Describe the history of photography.
- SLO #5 Recount current trends in photographic theories and aesthetics.

Career Information

Fine art photographer, gallery worker, museum worker, curator or general photographer. Some career options may require more than two years of college study. Classes beyond the associate degree may be required to fulfill some career options or for preparation for transfer to a university program.

A.A. in Photography

The photography program is designed to teach entry-level skills for careers in the photographic industry. Students interested in photography as visual expression or an adjunct to a vocation will also benefit.

Flexibility of the advanced program allows a student to concentrate upon a specific photographic career area.

Students planning to prepare for a four-year degree in Photography should consult the lower division requirements of the university to which they plan to transfer.

HIGHLIGHTS

- modern lab and studio facilities
- twenty four black & white enlargers
- digital media lab
- digital scanners and printers
- field trips to a variety of photographic businesses in Sacramento and the Bay Area
- field study course in Yosemite
- special seminars and internships

Catalog Date: January 1, 2022

Degree Requirements

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>PHOTO 302</td>
<td>Beginning Digital Photography (3)</td>
<td>3</td>
</tr>
<tr>
<td>PHOTO 312</td>
<td>Intermediate Digital Photography (3)</td>
<td>3</td>
</tr>
<tr>
<td>PHOTO 320</td>
<td>Color Photography (3)</td>
<td>3</td>
</tr>
<tr>
<td>PHOTO 340</td>
<td>Careers in Photography</td>
<td>3</td>
</tr>
<tr>
<td>PHOTO 400</td>
<td>Digital Imaging</td>
<td>3</td>
</tr>
<tr>
<td>PHOTO 410</td>
<td>Advanced Digital Imaging</td>
<td>3</td>
</tr>
<tr>
<td>PHOTO 420</td>
<td>History of Photography (3)</td>
<td>3</td>
</tr>
</tbody>
</table>

A minimum of 3 units from the following:

<table>
<thead>
<tr>
<th>COURSE CODE</th>
<th>COURSE TITLE</th>
<th>UNITS</th>
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</thead>
<tbody>
<tr>
<td>PHOTO 272</td>
<td>Lightroom (1.5)</td>
<td>1.5</td>
</tr>
<tr>
<td>PHOTO 273</td>
<td>Video Capture with DSLRs (1.5)</td>
<td>1.5</td>
</tr>
<tr>
<td>PHOTO 275</td>
<td>Digital Applications for Alternative Processes (1.5)</td>
<td>1.5</td>
</tr>
<tr>
<td>PHOTO 277</td>
<td>Creating a Digital Portfolio (1.5)</td>
<td>1.5</td>
</tr>
<tr>
<td>PHOTO 271</td>
<td>Color Management (1.5)</td>
<td>1.5</td>
</tr>
<tr>
<td>PHOTO 260</td>
<td>The Eastern Sierra Landscape, Yosemite Valley (2)</td>
<td>2</td>
</tr>
<tr>
<td>PHOTO 350</td>
<td>Photojournalism (3)</td>
<td>3</td>
</tr>
<tr>
<td>PHOTO 278</td>
<td>Flash Photography (1.5)</td>
<td>1.5</td>
</tr>
<tr>
<td>COMM 301</td>
<td>Introduction to Public Speaking (3)</td>
<td>3</td>
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<tr>
<td>or COMM 361</td>
<td>The Communication Experience (3)</td>
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<tr>
<td>JOUR 310</td>
<td>Mass Media and Society</td>
<td>3</td>
</tr>
<tr>
<td>RTVF 302</td>
<td>Introduction to Digital Design &amp; Storytelling (3)</td>
<td>3</td>
</tr>
<tr>
<td>or RTVF 304</td>
<td>Introduction to Multimedia (3)</td>
<td></td>
</tr>
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</table>

Total Units: 33

The Photography Associate in Arts (A.A.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See CRC graduation requirements.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- PSLO #1 describe technical and aesthetic qualities of successful photographs
- PSLO #2 apply a variety of lighting techniques to the production of photographs
- PSLO #3 produce photographs using various cameras
- PSLO #4 produce photographs using various photographic papers and digital output
- PSLO #5 create a portfolio and related materials for job preparation
- PSLO #6 describe successful working relationships with clients and subjects
- PSLO #7 develop a personal visual style

Career Information

Studio Photography; Portrait & Wedding Photography; Photographic Lab Technician; Photojournalism; Industrial or Architectural Photography. Some career options may require more than two years of college study. Classes beyond the associate degree may be required to fulfill some career options or for preparation for transfer to a university program.

Certificates of Achievement

Commercial and Studio Photography Certificate

The commercial and studio program is designed for students who want to enter a career path in studio photography. Students will use strobe equipment to learn lighting techniques, work with professionals in the field and design their own portfolio. Business strategies, self promotion, and workflow methods will also be covered.

Catalog Date: January 1, 2022

Certificate Requirements

<table>
<thead>
<tr>
<th>COURSE CODE</th>
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</tr>
</thead>
<tbody>
<tr>
<td>PHOTO 302</td>
<td>Beginning Digital Photography (3)</td>
<td>3</td>
</tr>
<tr>
<td>PHOTO 312</td>
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<tr>
<td>PHOTO 320</td>
<td>Color Photography (3)</td>
<td>3</td>
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<tr>
<td>PHOTO 340</td>
<td>Careers in Photography (3)</td>
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<tr>
<td>or PHOTO 400</td>
<td>Digital Imaging (3)</td>
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<tr>
<td>PHOTO 360</td>
<td>Large Format Photography (3)</td>
<td>3</td>
</tr>
<tr>
<td>PHOTO 390</td>
<td>Studio Lighting Techniques</td>
<td>3 -4</td>
</tr>
<tr>
<td>PHOTO 392</td>
<td>Commercial and Advertising Photography</td>
<td>3 -4</td>
</tr>
<tr>
<td>PHOTO 410</td>
<td>Advanced Digital Imaging (3)</td>
<td>3</td>
</tr>
<tr>
<td>PHOTO 420</td>
<td>History of Photography (3)</td>
<td>3</td>
</tr>
</tbody>
</table>

A minimum of 3 units from the following:

- PHOTO 260 The Eastern Sierra Landscape, Yosemite Valley (2)
- PHOTO 271 Color Management (1.5)
- PHOTO 272 Lightroom (1.5)
- PHOTO 273 Video Capture with DSLRs (1.5)
- PHOTO 277 Creating a Digital Portfolio (1.5)
- PHOTO 350 Photojournalism (3)
- PHOTO 278 Flash Photography (1.5)

Total Units: 30 - 32

Student Learning Outcomes

Upon completion of this program, the student will be able to:

- PSLO #1 use a variety of traditional and digital cameras
- PSLO #2 set up strobe lighting in the studio and on location for both product and people
- PSLO #3 create a personal portfolio of images that display expertise in commercial photography
- PSLO #4 define business goals and self promotion strategies
- PSLO #5 interact with photographers and designers to create compelling images

Career Information

studio assistant, studio photographer, freelance photographer, editorial photographer, lab manager

Fine Art Photography Certificate

The fine art photography program is designed for students who want to enter a career path in fine art photography. Students will use a variety of cameras and formats to produce images in both color and black and white. Personal expression and creativity, history and contemporary issues in photography and visual communication will also be emphasized.

Catalog Date: January 1, 2022

Certificate Requirements
COURSE CODE | COURSE TITLE | UNITS
--- | --- | ---
PHOTO 301 | Beginning Photography (3) | 3
PHOTO 310 | Intermediate Photography (3) | 3
PHOTO 320 | Color Photography | 3
PHOTO 330 | Alternative Process Photography (3) | 3
PHOTO 340 | Careers in Photography (3) | 3
PHOTO 350 | Photojournalism (3) | 3
PHOTO 360 | Large Format Photography (3) | 3
PHOTO 364 | Advanced Black and White Photography (3) | 3
PHOTO 365 | Advanced Alternative Process Photography (3) | 3
PHOTO 370 | Portraiture and Wedding Photography | 3 - 4
PHOTO 390 | Advanced Portrait Photography | 3 - 4
PHOTO 400 | Digital Imaging (3) | 3
PHOTO 420 | History of Photography (3) | 3

**A minimum of 3 units from the following:**

PHOTO 260 | The Eastern Sierra Landscape, Yosemite Valley (2) | 3
PHOTO 271 | Color Management (1.5) | 3
PHOTO 272 | Lightroom (1.5) | 3
PHOTO 273 | Video Capture with DSLRs (1.5) | 3
PHOTO 275 | Digital Applications for Alternative Processes (1.5) | 3
PHOTO 277 | Creating a Digital Portfolio (1.5) | 3
PHOTO 372 | Advanced Portrait Photography | 3 - 4
PHOTO 378 | Flash Photography (1.5) | 3

**Total Units:** 24

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**Student Learning Outcomes**

Upon completion of this program, the student will be able to:

- PSLO #1 communicate visual ideas in a variety of formats
- PSLO #2 describe important historical and contemporary movements in photography
- PSLO #3 produce a portfolio of images emphasizing personal creativity and self expression

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**Career Information**

freelance photographer, editorial photographer, photojournalist, gallery apprentice, museum apprentice, teacher

**Portraiture and Wedding Photography Certificate**

The portraiture and wedding program is designed for students who want to enter a career path in wedding photography. Students will learn techniques to pose and work with models and clients, use strobe equipment and available lighting techniques, work with professionals in the field and design their own portfolio. Business strategies, self promotion, and workflow methods will also be covered.

**Catalog Date:** January 1, 2022

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**Certificate Requirements**

COURSE CODE | COURSE TITLE | UNITS
--- | --- | ---
PHOTO 302 | Beginning Digital Photography (3) | 3
PHOTO 312 | Intermediate Digital Photography (3) | 3
PHOTO 320 | Color Photography (3) | 3
PHOTO 325 | Digital Applications for Alternative Processes (1.5) | 3
PHOTO 330 | Digital Imaging (3) | 3
PHOTO 340 | Careers in Photography (3) | 3
PHOTO 350 | Photojournalism (3) | 3
PHOTO 360 | Large Format Photography (3) | 3
PHOTO 364 | Advanced Black and White Photography (3) | 3
PHOTO 365 | Advanced Alternative Process Photography (3) | 3
PHOTO 370 | Portraiture and Wedding Photography | 3 - 4
PHOTO 372 | Advanced Portrait Photography | 3 - 4
PHOTO 420 | History of Photography (3) | 3

**A minimum of 3 units from the following:**

PHOTO 260 | The Eastern Sierra Landscape, Yosemite Valley (2) | 3
PHOTO 271 | Color Management (1.5) | 3
PHOTO 272 | Lightroom (1.5) | 3
PHOTO 273 | Video Capture with DSLRs (1.5) | 3
PHOTO 275 | Digital Applications for Alternative Processes (1.5) | 3
PHOTO 277 | Creating a Digital Portfolio (1.5) | 3
PHOTO 378 | Flash Photography (1.5) | 3

**Total Units:** 27 - 29

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**Student Learning Outcomes**
Upon completion of this program, the student will be able to:

- PSLO #1 use a variety of traditional and digital cameras
- PSLO #2 set up strobe lighting and available lighting to effectively photograph clients and models
- PSLO #3 create a personal portfolio of images that display expertise in wedding and portrait photography
- PSLO #4 define business goals and self promotion strategies
- PSLO #5 interact with clients, models and other professionals to attain a common visual goal

Career Information

photographer’s assistant, wedding photographer, portrait photographer, studio assistant, editorial photographer, photojournalist

Photography (PHOTO) Courses

PHOTO 260 The Eastern Sierra Landscape, Yosemite Valley

<table>
<thead>
<tr>
<th>Units:</th>
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<tbody>
<tr>
<td>Hours:</td>
<td>18 hours LEC; 54 hours LAB</td>
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<tr>
<td>Prerequisite:</td>
<td>None.</td>
</tr>
<tr>
<td>Catalog Date:</td>
<td>January 1, 2022</td>
</tr>
</tbody>
</table>

This course is designed to give students an opportunity to photograph in the Eastern Sierra emphasizing the Yosemite Valley. The course will include a variety of topics including using film and digital cameras in the landscape, understanding different natural qualities of light and low light photography. This course includes meetings on campus and a field trip to Yosemite.

PHOTO 271 Color Management

<table>
<thead>
<tr>
<th>Units:</th>
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</thead>
<tbody>
<tr>
<td>Hours:</td>
<td>18 hours LEC; 27 hours LAB</td>
</tr>
<tr>
<td>Prerequisite:</td>
<td>PHOTO 302 or 400 with a grade of “C” or better</td>
</tr>
<tr>
<td>Advisory:</td>
<td>PHOTO 320</td>
</tr>
<tr>
<td>Catalog Date:</td>
<td>January 1, 2022</td>
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</tbody>
</table>

This course covers the fundamental principles of color management. Topics of instruction include: calibration, profile generation, color management in Photoshop, and optimizing and preparing images for output to labs. Students will work with digital cameras. The class includes: lectures, lab time, field trips, exams, a journal, and a final project.

PHOTO 272 Lightroom

<table>
<thead>
<tr>
<th>Units:</th>
<th>1.5</th>
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</thead>
<tbody>
<tr>
<td>Hours:</td>
<td>18 hours LEC; 27 hours LAB</td>
</tr>
<tr>
<td>Prerequisite:</td>
<td>PHOTO 302 or 400 with a grade of “C” or better</td>
</tr>
<tr>
<td>Transferable:</td>
<td>CSU</td>
</tr>
<tr>
<td>Catalog Date:</td>
<td>January 1, 2022</td>
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</tbody>
</table>

This course is designed to provide students the opportunity to learn the most current photographic archiving software products. Topics of instruction include: importing images, editing imaging and placing images into collections and libraries. Students will work with digital cameras. The class includes: lectures, lab time, field trips, exams, a journal, and a final project.

PHOTO 273 Video Capture with DSLRs

<table>
<thead>
<tr>
<th>Units:</th>
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<tbody>
<tr>
<td>Hours:</td>
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<td>Prerequisite:</td>
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<tr>
<td>Catalog Date:</td>
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</tbody>
</table>

This course is designed to provide students instruction in shooting video with DSLR or mirrorless cameras. Topics include: custom settings for shooting video, options for sound capture, lighting techniques, video editing and digital storytelling. Students will work with digital cameras and accessory equipment. The class includes: lectures, lab time, exams, a journal, and a final project.

PHOTO 274 Digital Photography Basics

<table>
<thead>
<tr>
<th>Units:</th>
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<tbody>
<tr>
<td>Hours:</td>
<td>18 hours LEC; 27 hours LAB</td>
</tr>
<tr>
<td>Prerequisite:</td>
<td>None.</td>
</tr>
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</tbody>
</table>

This course is designed to provide students an introduction to digital photography. Topics include: composition and framing, exposure control, basic equipment, and simple software tools to catalog, manipulate, and print images. Students may work with a variety of digital options including: cell phones, DSLs or mirrorless cameras. The class includes: lectures, lab time, exams, and a final portfolio.

PHOTO 275 Digital Applications for Alternative Processes

| Units: | 1.5 |

|
This course is designed to provide students instruction in digital applications for alternative processes. Topics include: creating custom curves for alternative process printing, using a variety of software products for creating unique imagery, and applying digital technology to older print processes. Students will work with digital cameras and accessory equipment. The class includes: lectures, lab time, field trips, exams, a journal, and a final project.

PHOTO 277 Creating a Digital Portfolio

Units: 1.5
Hours: 18 hours LEC; 27 hours LAB
Prerequisite: PHOTO 302 or 400 with a grade of "C" or better
Catalog Date: January 1, 2022

This course is designed to provide students instruction in creating a website to promote their photography. Website hosting options, uploading and organizing images will be covered. Students will work with digital cameras and design software. The class includes: lectures, lab time, field trips, exams, a journal, and a final project.

PHOTO 278 Flash Photography

Units: 1.5
Hours: 18 hours LEC; 27 hours LAB
Prerequisite: PHOTO 301 or 302 with a grade of "C" or better
Catalog Date: January 1, 2022

This course covers flash photography using digital cameras. Topics of instruction include: on camera flash, flash with cord, off camera flash and multiple strobe effects. The class includes: lectures, lab time, field trips, a journal, and a final project.

PHOTO 279 Advanced Lightroom

Units: 1.5
Hours: 18 hours LEC; 27 hours LAB
Prerequisite: PHOTO 272 with a grade of "C" or better
Catalog Date: January 1, 2022

This course is designed to provide students the opportunity to learn the most advanced current photographic archiving software products. Topics of instruction include: Advanced importing of images and advanced batch image editing. Students will work with Advanced DSLR digital cameras. The class includes lectures, labs, exams, creation of a journal and a final project. The class may include field trips.

PHOTO 295 Independent Studies in Photography

Units: 1 - 3
Hours: 54 - 162 hours LAB
Prerequisite: None.
Catalog Date: January 1, 2022

An independent studies project involves an individual student or small group of students in study, research, or activities beyond the scope of regularly offered courses. See the current catalog section of "Special Studies" for full details of Independent Studies.

PHOTO 299 Experimental Offering in Photography

Units: 0.5 - 4
Prerequisite: None.
Catalog Date: January 1, 2022

This is the experimental courses description.

PHOTO 301 Beginning Photography

Units: 3
Hours: 36 hours LEC; 54 hours LAB
Prerequisite: None.
Transferable: CSU; UC
General Education: AA/AS Area I; CSU Area C1
Catalog Date: January 1, 2022

This course combines lectures with hands-on experience in traditional black and white photography. Students will work primarily with film cameras. Instruction includes camera function, exposure control, film processing, enlarging prints, low light photography, and print finishing. Creative control and elements of composition will also be covered. The format of the class includes lectures, visual presentations, lab time, a field trip, exams and a portfolio. Students may wish to challenge the prerequisite on the basis of equivalent experience. This course is the same as ARTPH 301, and only one may be taken for credit.

PHOTO 302 Beginning Digital Photography

Units: 3
Hours: 36 hours LEC; 54 hours LAB
Prerequisite: None.
Transferable: CSU; UC
This course combines lectures with hands-on experience in digital photography. Instruction includes digital camera function, exposure control, technical and creative control, computer manipulation of images and digital output options. The format of the class includes lectures, visual presentations, lab time, exams and a portfolio.

PHOTO 310 Intermediate Photography

Same As: ARTPH 310
Units: 3
Hours: 36 hours LEC; 54 hours LAB
Prerequisite: PHOTO 301 with a grade of "C" or better
Transferable: CSU
Catalog Date: January 1, 2022

This course is designed to expand on the technical and creative concepts acquired in beginning film photography. Topics of instruction include: exposure and development control, archival printing, introduction to medium and large format photography, studio lighting techniques, and alternative processes. Students will work primarily with film cameras. The class includes lectures, visual presentations, lab time, written tests, and a portfolio. This course is the same as ARTPH 310, and under either name, the course may only be taken one time for credit.

PHOTO 312 Intermediate Digital Photography

Units: 3
Hours: 36 hours LEC; 54 hours LAB
Prerequisite: PHOTO 302 with a grade of "C" or better
Transferable: CSU; UC
Catalog Date: January 1, 2022

This course is designed to expand on the technical and creative concepts acquired in beginning digital photography. Topics of instruction include: advanced digital camera functions, exposure control, introduction to studio lighting, computer manipulation of images, digital archiving, digital output options and digital print finishing. The class includes lectures, visual presentations, lab time, written tests, a field trip, and a portfolio.

PHOTO 320 Color Photography

Units: 3
Hours: 36 hours LEC; 54 hours LAB
Prerequisite: PHOTO 302 with a grade of "C" or better
Transferable: CSU; UC
Catalog Date: January 1, 2022

This course covers the fundamental principles of color photography. Topics of instruction include: color theory, correct exposure, techniques to determine correct color balance, flash exposure for color and printing digital files. Students will work with digital cameras. The class includes: lectures, visual presentations, lab time, written tests, and a portfolio.

PHOTO 340 Careers in Photography

Units: 3
Hours: 36 hours LEC; 54 hours LAB
Prerequisite: PHOTO 320 with a grade of "C" or better
Transferable: CSU
Catalog Date: January 1, 2022

This course is an overview of different careers available in the photographic industry. Fields of study include: portraiture, wedding photography, fashion, commercial and tabletop, photojournalism, and fine art photography. Students are encouraged to pursue their own area of interest by working with professionals in the field. Students may work with digital or traditional cameras. The class includes: lectures, studio visits, lab time, and completion of a resume, price list, and portfolio.

PHOTO 350 Photojournalism

Units: 3
Hours: 36 hours LEC; 54 hours LAB
Prerequisite: PHOTO 310 or 312 with a grade of "C" or better
Transferable: CSU
C-ID: C-ID JOUR 160
Catalog Date: January 1, 2022

This course provides instruction in photojournalism and magazine techniques in photography. Students will study features, sports, spot news, and the photo essay styles of journalistic photography. Students will work with digital cameras. Students will also capture and use audio to complete multimedia projects. A documentary digital portfolio will be completed. The course includes lectures, visual presentations, speakers, exams, and image posts.

PHOTO 360 Large Format Photography

Units: 3
Hours: 36 hours LEC; 54 hours LAB
Prerequisite: PHOTO 310 with a grade of "C" or better
Transferable: CSU
Catalog Date: January 1, 2022

This course is designed to give students a thorough knowledge of view camera operation in the studio and in the field. Topics of instruction include: view camera movements, exposure techniques, processing sheet film, adjustments necessary to print large format negatives, and presentation of the large format image. Students may work in black and white, color, or both. The class includes: lectures, visual presentations, lab time, studio time, and a portfolio. Students are urged to provide their own large format camera. This course is the
PHOTO 364 Advanced Black and White Photography

Units: 3
Hours: 36 hours LEC; 54 hours LAB
Prerequisite: PHOTO 310 with a grade of "C" or better
Transferable: CSU
Catalog Date: January 1, 2022

This course is designed to expand on the technical and creative concepts acquired in intermediate photography. Topics of instruction include: zone system, archival printing techniques, advanced methods of image manipulation, and digital fine art printing. Students will work with digital and traditional cameras. The class includes lectures, visual presentations, lab time, exams, and a portfolio.

PHOTO 365 Alternative Process Photography

Same As: ARTPH 340
Units: 3
Hours: 36 hours LEC; 54 hours LAB
Prerequisite: PHOTO 301 with a grade of "C" or better
Transferable: CSU (Same as ARTPH 340); UC (Same as: ARTPH 340)
Catalog Date: January 1, 2022

This course introduces historical and alternative processes in photography. Topics of instruction include: pin hole photography, handmade cameras, historical photographic processes, enlarging negatives, creating digital negatives and contact printing. Students will also hang a class exhibition. The class includes lectures, visual presentations, lab time, exams, and a portfolio. This course is the same as ARTPH 340.

PHOTO 366 Advanced Alternative Process Photography

Units: 3
Hours: 36 hours LEC; 54 hours LAB
Prerequisite: PHOTO 365 with a grade of "C" or better
Transferable: CSU
Catalog Date: January 1, 2022

This course is an advanced study of historical and alternative processes in photography and is designed to expand on the technical and creative concepts acquired in Beginning Alternative Process Photography. Topics of instruction include a deeper investigation of pin hole photography, handmade cameras, historical photographic processes, creating digital negatives and contact printing. Students will also hang a class exhibition. The class includes research, lectures, visual presentations, lab time, exams, and a portfolio. This course is the same as ARTPH 341.

PHOTO 370 Portraiture and Wedding Photography

Units: 3 - 4
Hours: 36 hours LEC; 54 - 108 hours LAB
Prerequisite: PHOTO 320 with a grade of "C" or better
Transferable: CSU
Catalog Date: January 1, 2022

This course is designed to provide students with an overview of the portraiture and wedding photography business. Topics include: techniques of lighting, use of appropriate cameras and media, professional practices and strategies for beginning business. Students work with digital cameras. The class includes: lectures, lab time, on-location field trips, exams, a journal, and a portfolio geared toward a professional presentation.

PHOTO 372 Advanced Portrait Photography

Units: 3 - 4
Hours: 36 hours LEC; 54 - 108 hours LAB
Prerequisite: PHOTO 320 with a grade of "C" or better
Transferable: CSU
Catalog Date: January 1, 2022

This course is designed to give students an in-depth understanding of portraiture. Topics include: techniques of lighting and posing, working with groups and individuals, use of appropriate cameras and films, professional ethics and business strategies. Students may work with digital or traditional cameras. The class includes: lectures, lab time, on-location field trips, exams, a journal, and a portfolio geared toward a professional presentation.

PHOTO 390 Studio Lighting Techniques

Units: 3 - 4
Hours: 36 hours LEC; 54 - 108 hours LAB
Prerequisite: PHOTO 320 with a grade of "C" or better
Transferable: CSU
Catalog Date: January 1, 2022

This course is a study in studio lighting techniques used in commercial photography. Topics of instruction include: correct exposure using strobe, lighting ratios, basic portraiture and advertising, appropriate choice of camera formats, and studies in composition of commercial photographs. Students are encouraged to work in a variety of formats, using black and white and color. Students will primarily use digital cameras. The class includes: lectures, visual presentations and discussions, on-location field trips or video chats with industry professionals, lab time, exams, and a portfolio.
### PHOTO 392 Commercial and Advertising Photography

| Units: | 3 - 4 |
| Hours: | 36 hours LEC; 54 - 108 hours LAB |
| Prerequisite: | PHOTO 320 with a grade of "C" or better |
| Transferable: | CSU |
| Catalog Date: | January 1, 2022 |

This course covers studio lighting techniques used in the production of advertising photographs. Topics of instruction include: advanced studio lighting techniques, correct exposure using strobe, appropriate choice of camera format and films, studies in composition and meaning of advertising photographs, and market research. Students are encouraged to work in a variety of formats, using both film and digital cameras. The class includes: lectures, visual presentations and discussions, virtual or in person field trips, lab time, written tests, a journal, and a portfolio geared toward a professional presentation.

### PHOTO 400 Digital Imaging

| Units: | 3 |
| Hours: | 36 hours LEC; 54 hours LAB |
| Prerequisite: | None. |
| Transferable: | CSU |
| Catalog Date: | January 1, 2022 |

This is an introductory course in digital imaging, compositing and electronic file preparation for publishing. The class includes lectures, use of computers and scanners, slide presentations, preparation of a journal and a digital portfolio.

### PHOTO 410 Advanced Digital Imaging

| Units: | 3 |
| Hours: | 36 hours LEC; 54 hours LAB |
| Prerequisite: | PHOTO 400 with a grade of "C" or better |
| Transferable: | CSU |
| Catalog Date: | January 1, 2022 |

This course is an advanced study of digital imaging and related software programs. The class includes lectures, use of computers, scanners, and a variety of output devices and preparation of a digital portfolio. This course will introduce the student to the emerging field of multimedia.

### PHOTO 420 History of Photography

| Units: | 3 |
| Hours: | 54 hours LEC |
| Prerequisite: | None. |
| Transferable: | CSU; UC |
| General Education: | AA/AS Area I; CSU Area C1; IGETC Area 3A |
| Catalog Date: | January 1, 2022 |

This course provides an in-depth study of photography and photographically derived images. The course will focus on the development of the first photograph processes from the nineteenth century to current technologies. The format of the class includes lecture and discussions, visual presentations and a field trip to a gallery or a virtual photographic archive.

### PHOTO 495 Independent Studies in Photography

| Units: | 1 - 3 |
| Hours: | 54 - 162 hours LAB |
| Prerequisite: | None. |
| Transferable: | CSU |
| Catalog Date: | January 1, 2022 |

An independent studies project involves an individual student or small group of students in study, research, or activities beyond the scope of regularly offered courses. See the current catalog section of "Special Studies" for full details of Independent Studies.

### PHOTO 498 Work Experience in Photography

| Units: | 1 - 4 |
| Hours: | 60 - 300 hours LAB |
| Prerequisite: | None. |
| Enrollment Limitation: | Students must be in a paid or unpaid internship, volunteer position or job related to career goals in Photography. |
| Transferable: | CSU |
| General Education: | AA/AS Area III(b) |
| Catalog Date: | January 1, 2022 |

This course provides students with opportunities to develop marketable skills in preparation for employment in their major field of study or advancement within their career. It is designed for students interested in work experience and/or internships in transfer level degree occupational programs. Course content includes understanding the application of education to the workforce; completion of required forms which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. Appropriate level learning objectives are established by the student and the employer. During the semester, the student is required to participate in a weekly orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. Work Experience may be taken for a total of 16 units when there are new or expanded learning objectives. Only one Work Experience course may be taken per semester.

### PHOTO 499 Experimental Offering in Photography
This course is designed to allow advanced students to pursue and research their photographic interests and receive credit. Students must provide a proposal outlining their area of interest and arrange meetings with an instructor. Students may wish to challenge the prerequisite on the basis of equivalent experience.