

PHOTOGRAPHY (PHOT)

PHOT 1A Laboratory Studies: Beginning Black and White Photography

1 Unit (Degree Applicable)
(May be taken for Pass/No Pass only)
Lab: 54
Corequisite: PHOT 10

Extended black-and-white laboratory experiences to improve skills through further instruction and practice, as well as pursue more advanced projects and experiments.

PHOT 1B Laboratory Studies: Advanced Black and White Photography

1 Unit (Degree Applicable)
(May be taken for Pass/No Pass only)
Lab: 54
Corequisite: PHOT 11 or PHOT 11A or PHOT 12 or PHOT 17

Extended advanced black and white laboratory experiences. Using medium and large format cameras to improve skills and pursue more advanced photographic printing, processing, and enlarging techniques.

PHOT 1C Laboratory Studies: Studio Photography

1 Unit (Degree Applicable)
(May be taken for Pass/No Pass only)
Lab: 54
Corequisite: PHOT 11 or PHOT 11A or PHOT 11B or PHOT 14 or PHOT 16 or PHOT 17 or PHOT 18 or PHOT 20 or PHOT 26 or PHOT 28 or PHOT 30

Extended studio photography experiences to supplement those available through the regular program. Provides students the opportunity to improve skills through further instruction and practice, as well as pursue more advanced projects and experiments.

PHOT 1D Laboratory Studies: Computer Applications in Photography

1 Unit (Degree Applicable)
(May be taken for Pass/No Pass only)
Lab: 54
Corequisite: PHOT 9 or PHOT 11B or PHOT 19 or PHOT 24 or PHOT 26

Extended computer laboratory experiences to supplement those available in the regular program. Provides students the opportunity to improve skills through further instruction and practice, as well as pursue more advanced projects and experiments.

PHOT 5 Digital Cameras and Composition

1 Unit (Degree Applicable)
Lecture: 18

Use of digital cameras and image editing software to create well-composed, quality photographs for use in Graphic Design and other applications. Camera required after first class meeting. Field trip required.

PHOT 9 Digital Image Editing for Photographers

3 Units (Degree Applicable)
Lecture: 36 Lab: 54

Software and techniques including digital workflow practices, digital image editing, enhancing and retouching methods commonly used in photography.

PHOT 10 Basic Digital and Film Photography

3 Units (Degree Applicable, CSU, UC)
Lecture: 36 Lab: 54

The basic mechanical, optical, and chemical principles of photography, including traditional darkroom techniques and digital image systems. Laboratory experience involves problems related to camera and image editing and output techniques.

PHOT 11A Intermediate Photography

3 Units (Degree Applicable)
Lecture: 36 Lab: 54
Prerequisite: PHOT 10

Formerly PHOT 11
Professional photography techniques and studio lighting. Includes studio and field assignments related to problems encountered while professionally photographing people and products. Topics include medium and large format film, continuous and strobe lighting.

PHOT 11B Digital Capture Workflow

3 Units (Degree Applicable)
Lecture: 36 Lab: 54
Prerequisite: PHOT 10
Advisory: PHOT 11A

Formerly PHOT 25
Advanced application of digital capture and workflow using digital single-lens reflex (DSLR) medium and large format digital camera systems and software to produce high-quality digital photographs. Field trips may be required.

PHOT 12 Photographic Alternatives

3 Units (Degree Applicable, CSU, UC)
Lecture: 36 Lab: 54
Prerequisite: PHOT 10
Advisory: PHOT 11 or PHOT 11A

Alternative photographic processes. Instant films: lifts and transfers, specialized lighting, stain toning, emulsion coating, and scanography will be applied to produce images not considered common to making photographic prints.

PHOT 14 Commercial Lighting

3 Units (Degree Applicable, CSU)
Lecture: 36 Lab: 54
Prerequisite: PHOT 10
Advisory: PHOT 11 or PHOT 11A or PHOT 11B

Studio and location lighting techniques for commercial photographic applications. Field trips may be required.

PHOT 15 History of Photography

3 Units (Degree Applicable, CSU, UC)
Lecture: 54

Survey of the history of photography from early 1800s to the present, introducing various concepts of photo representation and their impact on society. Field trip required.

PHOT 16 Fashion and Editorial Portrait Photography

3 Units (Degree Applicable)
Lecture: 36 Lab: 54
Prerequisite: PHOT 11 or PHOT 11A
Advisory: PHOT 11B

Fashion and editorial portrait photography with studio and location lighting techniques, creative concepts, styling, and working with models.

PHOT 17 Photocommunication

3 Units (Degree Applicable)
Lecture: 36 Lab: 54
Prerequisite: PHOT 10

Enhancing visual communication of commercial, documentary, and fine art imagery. Includes using camera tools (lens, aperture, shutter), lighting, color, and design to create images that clearly communicate messages.

PHOT 18 Portraiture and Wedding Photography

3 Units (Degree Applicable)
Lecture: 36 Lab: 54
Prerequisite: PHOT 10
Advisory: (PHOT 11 or PHOT 11A) and PHOT 11B

Professional studio and field techniques for portrait and wedding photography. Off-campus assignment or field trips may be required.

PHOT 19 Digital Color Management

3 Units (Degree Applicable)
Lecture: 36 Lab: 54
Prerequisite: PHOT 9 and PHOT 10

Digital color management software and hardware skills, techniques, and digital workflow practices commonly used in photography.

PHOT 20 Color Photography

3 Units (Degree Applicable)
Lecture: 36 Lab: 54
Prerequisite: PHOT 10

Color principles as they relate to commercial and artistic styles of photography, including lighting, color theory, color management, exaggerated and unique color schemes, and applied color psychology principles.

PHOT 21 Exploring Color Photography

3 Units (Degree Applicable)
Lecture: 36 Lab: 54
Prerequisite: PHOT 20

Use of color principles as they relate to commercial and artistic styles and innovative use of color applications. Includes lighting and unusual techniques, exaggerated and unique color schemes, light-painting, lighting effects, high dynamic range (HDR) effects, and oversize output.

PHOT 24 Advanced Digital Image Editing for Photographers

3 Units (Degree Applicable)
Lecture: 36 Lab: 54
Prerequisite: PHOT 9 and PHOT 10

Advanced digital image editing, archiving, and retouching for photographers.

PHOT 26 Video for Photographers

3 Units (Degree Applicable)
Lecture: 36 Lab: 54
Prerequisite: (PHOT 11 or PHOT 11A) OR PHOT 11B

Teaches advanced photography students how to create moving images for commercial applications using Digital Single-Lens Reflex (DSLR) cameras. Using principles of framing and composition, storyboarding, production, camera, sound, and editing techniques, students will produce a commercial advertising reel representing their work. Field trips may be required.

PHOT 28 Photography Portfolio Development

3 Units (Degree Applicable)
Lecture: 36 Lab: 54
Prerequisite: (PHOT 11 or PHOT 11A) and PHOT 11B and PHOT 20 and (PHOT 12 or PHOT 16 or PHOT 18)
Advisory: PHOT 14

Development of a photography portfolio for use in job application or gallery exhibition purposes. Field trips may be required.

PHOT 29 Studio Business Practices for Commercial Artists

3 Units (Degree Applicable)
Lecture: 54

Studio business practices for commercial artists. Small business operations, pricing services based on the licensing business model, copyright basics, project production, and estimating and invoicing. Field trips may be required.

PHOT 30 Advertising Photography

3 Units (Degree Applicable)
Lecture: 36 Lab: 54
Prerequisite: (PHOT 11 or PHOT 11A) OR PHOT 11B
Advisory: PHOT 14

Overview of the commercial and advertising photographic industry including specialties and styles. Field trips may be required.

PHOT 50 Drone Basic Still and Motion Camera Operator

3 Units (Degree Applicable)
Lecture: 36 Lab: 54
Prerequisite: PHOT 10

Basic drone camera operating and flight maneuvers used by photographers and cinematographers to capture still and motion footage through drone technology. Field trips are required.

PHOT 51 Drone Advanced Still and Motion Camera Operator

3 Units (Degree Applicable)
Lecture: 36 Lab: 54
Prerequisite: PHOT 50

Advanced flight operations with advanced ground station control, large multi-rotor platforms, camera and gimbal assembly, digital single lens reflex (DSLR) digital video camera systems, tandem flight controllers, and pre- and post-production skills for commercial productions. Field trips required.

PHOT 55 Drone Photogrammetry and Mapping**3 Units** (Degree Applicable)

Lecture: 36 Lab: 54

Prerequisite: PHOT 10

Photogrammetry and orthomosaic photography for mapping and 3 dimensional (3D) modeling providing a comprehensive introduction to hardware, software, and technique using Unmanned Aerial Systems (UAS) drones for private and commercial use.

PHOT 56 Drone Inspection and Thermal Imaging**3 Units** (Degree Applicable)

Lecture: 36 Lab: 54

Prerequisite: PHOT 10

Basic drone flight operations using thermal and multispectral high resolution imaging for industrial and public safety applications. Field trips are required.

PHOT 58 Photography & Video Social Media Marketing**3 Units** (Degree Applicable, CSU)

Lecture: 36 Lab: 54

Basic photography, video, lighting, and image editing techniques for social media platforms, including live streaming to create and manage image content.

PHOT 98 Work Experience in Photography**1-3 Units** (Not Degree Applicable)

(May be taken for Pass/No Pass only)

Lab: 60-225

Prerequisite: Compliance with Work Experience regulations as designated in the College Catalog

Advisory: PHOT 10 and (PHOT 11 or PHOT 11A) and PHOT 20

Provides students with on-the-job experience in professional photography and related areas in an approved work site to strengthen and broaden skills in the workplace. A minimum of 75 paid or 60 non-paid clock hours per semester is required for each unit of credit. It is recommended that the hours per week are equally distributed throughout the semester.

PHOT 99 Special Projects in Photography**3 Units** (Degree Applicable)

Lecture: 54

Prerequisite: PHOT 10 and approval by instructor

Offers students the opportunity to explore the discipline in greater depth. Instructor authorization needed prior to enrollment. The content of each course and the methods of study vary from semester to semester and depend on the particular project under consideration. Students repeating this course will make individual contracts of a more advanced nature with the instructor to ensure that proficiencies are enhanced.