

Las Positas College
3000 Campus Hill Drive
Livermore, CA 94551-7650
(925) 424-1000
(925) 443-0742 (Fax)

Course Outline for PHTO 57

INTERMEDIATE DIGITAL PHOTOGRAPHY

Effective: Fall 2018

I. CATALOG DESCRIPTION:

PHTO 57 — INTERMEDIATE DIGITAL PHOTOGRAPHY — 1.50 units

This course covers digital photography including intermediate and advanced digital image capture assignments, camera use, digital manipulation using software such as Adobe Photoshop, and preparation of image files for display printing and use on the Web.

1.00 Units Lecture 0.50 Units Lab

Strongly Recommended

PHTO 56 - Introduction to Digital Photography
with a minimum grade of C

Grading Methods:

Letter or P/NP

Discipline:

- Photography

	MIN
Lecture Hours:	18.00
Expected Outside of Class Hours:	36.00
Lab Hours:	27.00
Total Hours:	81.00

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

III. PREREQUISITE AND/OR ADVISORY SKILLS:

Before entering this course, it is strongly recommended that the student should be able to:

A. PHTO56

1. Capture digital photographic image and make simple imaging corrections using imaging software
2. Use the vocabulary and terminology of digital imaging and photography
3. Utilize techniques used in photography to control digital image levels, contrast, hue and saturation, composition, lens flare, light, motion, gray scale and color balance
4. Employ digital imaging tools
5. Demonstrate selection techniques for minor adjustments and alterations of photographic images
6. Describe different methods for digital capture including how and when use of digital camera is best, its advantages and limitations
7. Transfer large digital photographic files within a local area network and among various removable storage media

IV. MEASURABLE OBJECTIVES:

Upon completion of this course, the student should be able to:

- A. Demonstrate use of the manual functions of a digital camera, and efficient manipulation on a computer system
- B. Use intermediate level functions found in digital editing software
- C. Operate film scanners, color and black-and-white printers, film recorders, and/or other peripheral devices
- D. Visualize and process photographic images suitable for display in print and on screen
- E. Explain the role of service bureaus in the digital imaging industry
- F. Create a web photographic portfolio by uploading digital images to a photographic website, organizing files, and editing the images

V. CONTENT:

- A. Image processing/editing software
- B. Peripheral devices for image import, storage, and input
- C. File management, translation, and transmission
- D. Visualization and image design
- E. Appropriate lighting techniques, exposure and advanced digital editing controls to enhance image quality of digital images

1. Layers
2. Levels
3. Curves
- F. The functions of service bureaus
- G. The printing of display quality digital images including web portfolio

VI. METHODS OF INSTRUCTION:

- A. **Demonstration** -
- B. **Lecture** -
- C. **Observation and Demonstration** -
- D. Use of computer system and software
- E. **Field Trips** -
- F. **Projects** -
- G. **Written exercises and case studies** -
- H. **Lab** -

VII. TYPICAL ASSIGNMENTS:

- A. Capture images that incorporate shadow and reflection as primary value elements
- B. Make all needed adjustments in digital editing software to create an 11" X 14" portfolio set of prints
- C. Use several unaltered images and blend into a collaged single image
- D. Create a photograph including incongruities and/or humorous elements
- E. Create an image which combines natural and artificial lighting

VIII. EVALUATION:

A. **Methods**

1. Exams/Tests
2. Quizzes
3. Portfolios
4. Papers
5. Projects
6. Field Trips
7. Class Participation
8. Class Work
9. Home Work
10. Lab Activities
11. Other:

- a. Classroom critiques after each assignment in which students work with instructor to determine at least five criteria appropriate to the given assignment and apply during oral critique of photographs submitted.

B. **Frequency**

1. Bi-weekly class critiques
2. Two written quizzes
3. One midterm
4. One portfolio
5. One paper
6. Six to seven projects
7. Daily class participation, work, and lab activities
8. Weekly home work
9. Classroom critiques after each assignment
10. One field trip

IX. TYPICAL TEXTS:

1. Falkner, Andrew , and Conrad Chavez. *Adobe Photoshop CC Classroom in a Book*. 1 ed., Adobe Press, 2018.
2. Malley, Brett. *Adobe Master Class: Advanced Compositing* . 2nd ed., Adobe Press, 2017.
3. Freeman, Michael . *The Photographer's Eye Digitally Remastered*. 10th ed., Focal Press-Routledge, 2018.

X. OTHER MATERIALS REQUIRED OF STUDENTS:

- A. USB flash drive
- B. A digital camera
- C. Recommend a portable hard drive