

Lassen Community College Course Outline

ART-19B Intermediate Digital Photography

1.0 Unit

I. Catalog Description

An intermediate course in digital photography digital image capture. Intermediate photographic composition and subject matter, digital camera operation, and image manipulation using Adobe Photoshop and/or Photoshop Elements will be covered. Photography as a fine art and as a commercial application will be explored. Technical, aesthetic, cultural, and historic points of view will be considered. To cover the costs of printing, a \$10.00 laboratory fee will be charged at the time of registration.

Prerequisite: Art 19A Beginning Digital Photography

Prerequisite Skills:

Before entering this course the student should be able to:

1. Capture images digitally using correct exposure techniques.
2. Use intermediate organizational methods in bringing images from camera to computer.
3. Use Adobe Photoshop/Elements to adjust color balance, levels, etc. to improve print quality.

Recommended Preparation: English 105 or equivalent placement through the assessment process.

Transfers to both UC/CSU

51 Hours Lab; 51 Total Student Learning Hours

Scheduled: Fall, Spring

II. Coding Information

Repeatability: Not Repeatable, Take 1 Time

Grading Option: Graded or Pass/No Pass

Credit Type: Credit - Degree Applicable

TOP Code: 101100

III. Course Objectives

A. Course Student Learning Outcomes

Upon completion of this course student will be able to:

1. Use digital photographic tools and techniques to capture images that have personal meaning.
2. Use software tools and techniques to enhance the expression of personal ideas and feelings, beginning to explore the development of a personal style.

B. Course Objectives

Upon completion of this course student will be able to:

1. Regarding camera technique, at intermediate levels:
 - a. Freeze and blur motion by controlling shutter speed.
 - b. Produce a feeling of motion through the technique of panning.
 - c. Control depth of field by focal length, f/stop and focus selection.

- d. Make real or hypothetical appropriate choices of the professional photographic equipment and software available on the market.
2. Regarding Adobe Photoshop/Elements technique, at intermediate levels:
 - a. Open a RAW file image into Photoshop and use the tools in Adobe Camera Raw to correct color and exposure.
 - b. Create a photo montage.
 - c. Combine consecutive images into a panorama.
 - d. Use the burn, dodge and gradient tools to control an image's dynamic range.
3. Use appropriate techniques to prepare their work for presentation
4. Discuss their work using appropriate terminology

IV. Course Content

- A. Camera technique
 1. Controlling the expression of motion
 2. Panning
 3. Controlling depth of field
 4. Appropriate professional equipment appropriate to the student's needs
- B. Image manipulation using Adobe Photoshop/Elements
 1. Use of RAW capture
 2. Techniques of photomontage
 3. Creating panoramas
 4. Use of burn, dodge, and gradient tools to control an image's dynamic range
- C. Presentation techniques
 1. Print presentation methods
 2. Discussion of personal prints

V. Assignments

A. Appropriate Readings

Students will be assigned weekly reading assignments from the representative texts as well as readings from various technical manuals relative to subject areas being covered.

B. Writing Assignments

Students will write short reports regarding the use of increased mastery of image capture techniques to express the subject.

C. Expected Outside Assignments

Do in-depth research on currently available professional digital equipment and make real (if they can afford it) or hypothetical (if they cannot) choices of equipment appropriate to their developing personal photographic style.

D. Specific Assignments that Demonstrate Critical Thinking

Students will "shoot" various subject matter, when appropriate of their own choosing, in the order the instructor deems most effective, using creative decisions regarding:

1. Appropriate f/stops to creatively manipulate depth of field
2. Shutter speeds to express movement appropriate for expression of the subject using Adobe software, students will:
 - a. Use RAW file image capture and use the tools in Adobe Camera Raw to correct color and exposure.
 - b. Create a photomontage of a subject of their choice with instructor input.
 - c. Combine consecutive images of a subject of their choice into a panorama.

- d. Effectively use the burn, dodge and gradient tools to control an image's dynamic range, increasing the image's visual impact.

VI. Methods of Evaluation

The first day of class the instructor will provide each student with a written course syllabus indicating the evaluation procedures to be used. The formulation of a student grade will be based upon:

1. Quizzes
2. Critiques
3. Reports
4. Portfolio

VII. Methods of Delivery

Check those delivery methods for which, this course has been separately approved by the Curriculum/Academic Standards Committee.

Traditional Classroom Delivery Correspondence Delivery

Hybrid Delivery

Online Delivery

Methods of instruction may include, but are not limited to:

1. Lecture (including guest speakers)
2. Discussions
3. Demonstration
4. Critiques

VIII. Representative Texts and Supplies

Required:

Long, Ben, Complete Digital Photography, 9th edition, 2018, Course Technology ISBN-9781732636927

IX. Discipline/s Assignment

Art, Photo Tech/Commercial Photo, Photography

X. Course Status

Current Status: Active

Original Approval Date: 05/08/2007

Revised By: James Kleckner

Curriculum/Academic Standards Committee Revision Date: 05/16/2023