PHOT A125: IMAGING FOR PHOTOGRAPHERS I

Item	Value
Curriculum Committee Approval Date	12/08/2021
Top Code	101200 - Applied Photography
Units	3 Total Units
Hours	108 Total Hours (Lecture Hours 36; Lab Hours 72)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	Yes
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)

Course Description

Designed to introduce the student to photographic image processing with computers. Lectures and demonstrations of basic image manipulation, current professional digital workflows, color managed digital printing and archiving of images. PREREQUISITE: PHOT A123. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Create a portfolio of photographs that demonstrate the basic use of DSLR cameras, film scanners, and basic digital image processing techniques.

Course Objectives

- 1. Demonstrate a basic knowledge of the DSLR digital camera.
- 2. Apply basic digital processing techniques to digital images.
- 3. Assess the inter-relationship of technical execution with concepts and aesthetics.
- 4. Demonstrate a basic knowledge of color-managed print preparation and printing.
- 5. Demonstrate a basic knowledge of film scanners.
- 6. Apply critical thinking skills to the development of concepts to communicate effectively with an image.
- 7. Participate in group discussions and follow-up critiques of assignments.
- 8. Study current work being done in the field through guest lecturers and field trips.

Lecture Content

Revised Course Content 1. Discussion of the evolution of traditional photography and digital imaging. a. Discovering parallels between traditional photographic skills and digital imaging. 2. Review of digital cameras capabilities a. Features of DSLR cameras b. Exposure for digital photography c. Camera Raw 3. The Digital Darkroom a. Setting up a digital darkroom, system requirements b. Image processing/basic corrections 4. Selection Tools 5. Image Editing Workflow a. Layers b. Layer Masks c. Adjustment Layers d. Layer organization 6. Image Compositing a. Photography considerations for a successful composite image b. Lighting consideration c. Camera perspective d.Lens focal length and aperture 7. Introduction to color managed workflow a. Print considerations and workflow b. Image Resolution 8. Device calibration and color management 9. Specialized Techniques 10. Software options in current use within the photographic industry 11. Image organizing and archiving strategies. 12. Digital Portfolios

Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)
- DE Online Lecture (02X)
- Lab (04)
- DE Live Online Lab (04S)
- DE Online Lab (04X)

Instructional Techniques

Discussion, demonstration, and lecture will revolve around ideas of image making as well as production techniques. Current fine art and commercial work will be presented through visual presentation, video, and on-line sources. Student critiques will involve critical thinking of the issues at hand.

Reading Assignments

Students will spend 2 hours on assigned weekly exercises from textbook.

Writing Assignments

Writing assignments, 30 minutes per week, will include project proposals and short responses to class assignments.

Out-of-class Assignments

Students will spend 4 hours completing class photography assignments designed to explore concepts introduced in lecture. Students will utilize the lab to complete exercises that use problem solving situations related to assignment work. Students will work independently and outside of class to meet assignment requirements.

Demonstration of Critical Thinking

Students will demonstrate critical thinking skills through completion of specific assignments which challenge them both technically and conceptually. Each assignment will present the student with decisions to make with regard to the selection of appropriate subject matter with the technique being studied, as well as, the quality of the resulting image.

Required Writing, Problem Solving, Skills Demonstration

Students will demonstrate problem solving and demonstrate skills with the production of a portfolio of photographic images for weekly class projects and a final project. These projects require that concepts and skills are applied appropriately to solve challenges.

Eligible Disciplines

Photographic technology/commercial photography: Any bachelors degree and two years of professional experience, or any associate degree and six years of professional experience.

Textbooks Resources

1. Required Faulkner,A.,Chavez. C.. Adobe Photoshop CC Classroom In A Book, 2021 Release ed. Adobe Press, 2021 Legacy Textbook Transfer

Data: This text is updated requlary. We use the most current release of the book.