PHOT A127: DARKROOM FOR PHOTOGRAPHY MAJORS

Item	Value
Curriculum Committee Approval Date	12/08/2021
Top Code	101200 - Applied Photography
Units	2 Total Units
Hours	72 Total Hours (Lecture Hours 18; Lab Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Standard Letter (S)

Course Description

An introduction to 35mm and medium format techniques. Topics will include; Beginning to intermediate film handling, developing, printing methods and working applications of film-based equipment. This class gives the student an opportunity to explore their creative vision with the use of film-based photography equipment. PREREQUISITE: PHOT A110 or PHOT A120 or PHOT A120H or PHOT A123. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Operate 35mm and medium format cameras.
2. Identify and execute methodologies for intermediate film exposure, development and printing.

Course Objectives

- 1. Demonstrate a thorough understanding of 35mm cameras, lenses and equipment.
- 2. Demonstrate a understanding of medium format cameras, lenses and equipment.
- 3. Differentiate and apply methodologies of film exposure and development.
- 4. Demonstrate a beginning level of technical skill in film exposure and processing.
- 5. Demonstrate a beginning level of technical skill in enlarging and print manipulation.
- 6. Relate lighting techniques to subject matter and apply accordingly.
- 7. Discuss the medium of photography and its wide uses in art, science, industry and business.
- 8. Create and evaluate photo images and recognize critical aesthetic values.

Lecture Content

LECTURE CONTENT: I. Orientation A. Course objectives B. Class policies C. Course materials D. Purpose and expectations E. Basic operation of a 35mm camera II. Film processing A. The negative-a technical history B. Darkroom procedures C. Aesthetics in relation to a negative III. Introduction to Printing A. The negative-a technical history B. Darkroom procedures 1. Tray and machine processing C. Aesthetics in relation to the print IV. Introduction to medium format cameras A. Lenses B. Back C. Camera Variations V. Light meters and negative exposure 1. Lighting in relation to exposure 2. Reading the negative 3. Exposure estimation without a meter 4. Using an incident meter 5. Using a handheld meter 6. Contrast range for black and white VI. Lighting and Leaf Shutters A. Leaf shutter vs. focal plane B. Using flash with leaf and focal plane shutters VII. Filters A. Use of color filters in black and white photography B. Graded neutral density filters VIII. Introduction to the zone system A. Film and developers B. Pushing and Pulling of film C. Placing zones D. Expansion and contraction of a print. IX. Photographic tools A. Materials and processes, including camera controls, image exposure, image manipulation, processing, and printing. X. Safe Material Handling A. Maintenance and appropriate us e of photography equipment and materials. XI. Historical and Contemporary Trends A. Language, aesthetics and emerging media as they relate to analog and/or digital photography. XII. Group and Individual Critiques A. Discussion of photographic images utilizing relevant terminology and concepts.

Lab Content

Laboratory Content (54 Hours)Arranged (TBA) Lab Content (18) 1. Lab orientation A. safety and procedures 2. Film Developing A. Loading film onto reelsB. Function of each step of the chemical process C. Develop a roll of film 3. Making contact sheetsA. Introduction to the use of an enlargerB. Setting up to make a contact sheetC. Processing contact sheets in traysD. Processing contact sheets in the processing machine 4. Making a black and white print I A. Use of contrast filters 5. Making a black and white print II A. Dodging 6. Making a black and white print III A. Burning 7. Mounting a printA. Types of mounting boardB. Selecting the right mounting board C. Using the dry mount press 8. Demonstration of photographic tools A. Materials and processes, B. Compositional techniques and principles C. Camera controls and image exposure 9. Handheld light meters A. Incident meters 10. Medium format camera demonstration A. Camera BodyB. LensesC. BacksD. Extension tubes E. Tele-convertersF. Film loadingG. General Exposure MethodologiesH. Developing of medium format film I. Printing of medium format film 11. Use of Zone system in the darkroom A. Pushing film B. Pulling film

Method(s) of Instruction

- Lecture (02)
- Lab (04)

Instructional Techniques

Demonstration of various approaches to problem solving through lab, lecture and critiques. Discussion of photographic principles and aesthetic concepts. Instructor and peer feedback through and critique of student work. Slide lectures to illustrate concepts and means. Use of film/video/DVD presentations relating to historical and contemporary ideas. Interactive computer lectures to illustrate the use of the film cameras as a creative tool. Field trips and demonstrations to illustrate shooting concepts

Reading Assignments

Students will read on average 1 hour per week from assigned textbook.

Writing Assignments

Students will spend 1 hour per week writing short reports from assigned readings and one gallery report.

Out-of-class Assignments

Student will complete all shooting assignments outside of class, and are expected to spend 1-2 hours per week on out-of-class assignments. Student will have access to the OCC Photo Department s digital lab during their scheduled lab time and during open/arranged lab times.

Demonstration of Critical Thinking

Students will demonstrate critical thinking skills with the production of film based, black and white photographic imagery which will communicate visually.

Required Writing, Problem Solving, Skills Demonstration

The ideas introduced in the course must be supported verbally during critiques, as well as, a written critical essay on a photographic gallery exhibition. Students will demonstrate technical skills by successfully expressing conceptual and aesthetic ideas developed through the course.

Eligible Disciplines

Photography: Master's degree in photography, fine arts, or art OR bachelor's degree in any of the above AND master's degree in art history or humanities OR the equivalent. Master's degree required.

Other Resources

1. Selected readings from contemporary photographers.