EL CAMINO COLLEGE
COURSE OUTLINE OF RECORD – Approved

Course Acronym:	PHOT
Course Number:	102
Descriptive Title:	Basic Photography
Division:	Fine Arts
Department:	Photography
Course Disciplines:	Commercial Photography, Photographic Technology, Photography
Catalog Description:	This is a course in black and white still photography with an emphasis on the use of the 4 x 5 view camera, photographic equipment, and film/analog and digital materials; photographic chemistry and mathematics, optics and physics of light; composition, studio lighting and creative expression. Laboratory techniques, including film processing, film/analog printmaking and digital printing, are an integral part of this course.
Prerequisite:	Photography 106 or Photography 101 with a minimum grade of C or equivalent
Course Length:	Full Term
Hours Lecture (per week):	2
Hours Laboratory (per week):	3
Outside Study Hours:	4
Total Hours:	90
Course Units:	3
Grading Method:	Letter Grade only
Credit Status:	Credit, degree applicable
Transfer CSU:	Yes
Effective Date:	Prior to July 1992
Transfer UC:	Yes
Effective Date:	Prior to July 1992
General Education: ECC	
Term:	
Other:	
CSU GE:	
Term:	
Other:	

IGETC:	
Term:	
Other:	
Student Learning Outcomes:	**SLO #1 Proper Film Exposure** Students will be able to apply proper film exposure through the correct aperture and shutter settings on the camera and correct film processing to produce a silver gelatin negative with adequate shadow and highlight detail. **SLO #2 Proper Placement of Studio Lights** Students will be able to demonstrate proper placement of studio lights to produce a high-key glassware product photographic image. **SLO #3 Photographic Illustration Techniques** Students will be able to visualize and produce film and photographic images using concepts and techniques of photographic illustration.
Course Objectives:	1. Use of the 4 x 5 view camera. 2. Define the terminology and outline of the photographic process relating to the photographic film/analog emulsion; the formation of the latent image; the digital sensor and the formation of a digital photographic image. 3. Demonstrate a working knowledge of various films and film developers. 4. Produce film and digital black and white photographs with the appropriate contrast and density. 5. Use both reflected and incident light readings to produce black and white negatives and digital photographic images with the appropriate contrast and density. 6. Select the proper equipment and correctly expose film and/or a digital sensor to an acceptable density to produce a good print of a specific photographic subject. 7. Demonstrate an understanding of historical and contemporary film and digital photographic practices.
Major Topics	**I. Terminology and Outline of the Analog/Film Photographic Emulsion and the Formation of the Latent Image, and the Digital Sensor and Formation of a Digital Photographic Image (26 hours, lab)** A. The use of the photographic enlarger to make black and white prints from 35mm and 4 x 5 negatives B. The operation of the 4 x 5 view camera C. Digital printing basics **II. The History of Photography (13 hours, lecture)** A. Joseph Niepce and Heliography 1826 B. Louis Daguerre and Daguerreotypes 1839 C. William Henry Fox Talbot and Calotypes 1844

	D. George Eastman and roll film E. Pictorialism and Modernist photography movements F. Contemporary digital and film photographic practices **III. 35mm and 4 x 5 Film Development and Developer Selection (10 hours, lecture)** A. Standard development process B. Developer variations and results C. Black and white negative evaluation **IV. Introduction to Studio Lighting (28 hours, lab)** A. Studio lit portraiture B. Lighting glassware C. Lighting small products D. Health and safety procedures **V. Photographic Image Exposure Techniques (13 hours, lecture)** A. Photographic collages in digital and film formats B. Black and white photographic print contrast adjustment for expressive and communicative effect
Total Lecture Hours:	36
Total Laboratory Hours:	54
Total Hours:	90
Primary Method of Evaluation	3) Skills demonstration
Typical Assignment Using Primary Method of Evaluation:	Expose three 4" by 5" negatives, utilizing the view camera, of the same subject. Expose the first negative with the normal light exposure, aperture and shutter speed settings, recommended by the light meter. Expose the second negative with two stops more exposure. Expose the third negative with two stops less exposure. Develop the normally exposed negative for the standard development time. Develop the second negative for 50% less of the standard development time. Develop the third negative for an additional 100% of the standard development time. Make an 8" by 10" print from each negative using the same contrast control negative in the darkroom. Analyze the three prints and three negatives in regards to density and contrast.
Critical Thinking Assignment 1:	Photograph and print a Rembrandt lit studio portrait using studio lighting and analog/film or digital photographic materials.
Critical Thinking Assignment 2:	Research the portrait painting of the 17th century painter Rembrandt with a specific focus on the use of lighting and chiaroscuro. Write a paper on Rembrandt lighting in 17th century painting, and the subsequent use of Rembrandt lighting in photographic portraiture in the 19th century through contemporary images today.

Other Evaluation Methods:	Laboratory Reports, Other (specify), Term or Other Papers
Instructional Methods:	Demonstration, Guest Speakers, Lab, Lecture, Multimedia presentations, Other (specify)
If other:	
Work Outside of Class:	Other (specify), Required reading, Skill practice, Written work (such as essay/composition/report/analysis/research)
If Other:	
Up-To-Date Representative Textbooks:	Barbara London, Jim Stone and John Upton, Photography, 11th ed., Prentice Hall, 2013. Discipline Standard
Alternative Textbooks:	
Required Supplementary Readings:	
Other Required Materials:	
Requisite:	Prerequisite
Category:	sequential
Requisite course(s): List both prerequisites and corequisites in this box.	Photography 106 or Photography 101 with a minimum grade of C or
Requisite and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s).	**Ability to process a roll of 35mm black and white photographic film.** PHOT 101 - Correctly operate a standard 35mm camera. PHOT 101 - Demonstrate the proper procedure for exposing black and white film. PHOT 101 - Process black and white film using standard film developers. **Ability to operate a 35mm camera with a working knowledge of the function of the aperture and shutter.** PHOT 101 - Correctly operate a standard 35mm camera. PHOT 106 - Produce publishable images that demonstrate appropriate mastery of the techniques for using a single lens reflex digital camera. **Ability to print a black and white photographic print from a 35mm negative.** PHOT 101 - Produce black and white prints employing standard paper developers and tray processing.

	PHOT 106 - Produce publishable images that demonstrate appropriate mastery of the techniques for using a single lens reflex digital camera
Requisite:	equivalent
Requisite and Matching Skill(s): Bold the requisite skill(s). If applicable	
Requisite course:	
Requisite and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s).	
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Enrollment Limitations and Category:	
Enrollment Limitations Impact:	
Course Created by:	Hanson Williams and John Silengo
Date:	09/01/1974
Original Board Approval Date:	
Last Reviewed and/or Revised by:	Professor Darilyn Rowan
Date:	09/28/2018
Last Board Approval Date:	05/17/2021