ART 82 Course Outline as of Fall 2018

CATALOG INFORMATION

Dept and Nbr: ART 82 Title: BEG DIGITAL PHOTO
Full Title: Beginning Digital Photography
Last Reviewed: 9/13/2021

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	3.00	Lab Scheduled	4.00	6	Lab Scheduled	70.00
		Contact DHR	0		Contact DHR	0
		Contact Total	6.00		Contact Total	105.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00 Total Student Learning Hours: 175.00

Title 5 Category:	AA Degree Applicable
Grading:	Grade or P/NP
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	ART 390.72

Catalog Description:
A beginning class emphasizing comprehension and application of basic elements and concepts of digital photography. Topics include controlled use of the camera for optimum technical and aesthetic values. Students will develop an understanding of the creative process, visual literacy and photographic theory through lectures, assignments and class critiques. Students must have a digital camera with manual controls.

Prerequisites/Corequisites:

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:
Description: A beginning class emphasizing comprehension and application of basic elements and concepts of digital photography. Topics include controlled use of the camera for optimum technical and aesthetic values. Students will develop an understanding of the creative process, visual literacy and photographic theory through lectures, assignments and class critiques.

Students must have a digital camera with manual controls. (Grade or P/NP)
Prerequisites/Corequisites:
Recommended:
Limits on Enrollment:
Transfer Credit: CSU;
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**			Effective:	Inactive:
CSU GE:	**Transfer Area**			Effective:	Inactive:
IGETC:	**Transfer Area**			Effective:	Inactive:
CSU Transfer:	Transferable	Effective:	Fall 1993	Inactive:	
UC Transfer:		Effective:		Inactive:	

CID:

Certificate/Major Applicable:
Both Certificate and Major Applicable

COURSE CONTENT

Student Learning Outcomes:
At the conclusion of this course, the student should be able to:
1. Create photographic images that demonstrate an understanding of photographic processes.
2. Demonstrate mastery of DSLR camera functions, visual elements, and photographic materials.
3. Demonstrate critical aesthetic judgments regarding photographic composition, visual literacy, and the creative process.
4. Create, critique and edit digital photographs in order to assemble a cohesive portfolio of high-quality digital images.

Objectives:
Upon the completion of this course, students will be able to:
1. Employ basic photographic techniques including DSLR camera operation.
2. Apply knowledge of equivalent exposures between aperture and shutter speed in order to control exposure.
3. Select and adjust aperture setting (F-stop) to control depth of field.
4. Selectively adjust shutter speed to capture action and motion.
5. Evaluate the quality and direction of a light source.
6. Create a vantage point in order to alter image composition.
7. Process photographic imagery in a laboratory situation.
8. Modify photographic images for optimal technical and aesthetic values.
9. Compile and present a portfolio of digital photographs.
10. Define health and safety issues relating to ergonomics working with digital processes.

Topics and Scope:

I. Overview of the History of Photography

II. The Camera and its Operation
   A. Lenses
   B. Shutters
   C. Exposure controls
III. Digital Capture, Exposure, and Processing
   A. Sensor capture technologies
   B. File types, image conversion and adjustment
   C. Image resolution and compression
IV. The Image
   A. Composition
   B. Perspective and vantage point
   C. Pattern
   D. Texture
V. Photographic Issues
   A. Selective focus and depth of field
   B. Action and motion
   C. Natural light
   D. Analog and digital photography
VI. Portfolios, Presentations, and Critiques
   A. Materials and methods
   B. Portfolio content
   C. Presenting work
   D. Critiquing work
      1. Analytical examination
      2. Aesthetic judgments
      3. Composition
      4. Visual literacy
      5. Creative process
   E. Discussing choices for presentation via CD, DVD, and Internet
VII. Basic Modifying and Printing
   A. Theory and techniques
   B. Practical color management
VIII. Ergonomics
   A. Possible hazards
   B. Safe usage and good habits

All topics are covered in both the lecture and lab parts of the course.

Assignment:

Lecture Related Assignments:
1. Read one chapter per week (approximately ten pages)
2. Quizzes and exams (1 - 2)

Lecture and Lab Related Assignments:
1. Photograph a series of digital images demonstrating techniques and situations presented in class
2. Portfolio

Lab Related Assignment:
1. Class critiques of assignments

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.	Writing 0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework: photography assignments	Problem solving 25 - 35%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Portfolio	Skill Demonstrations 40 - 50%

Exams: All forms of formal testing, other than skill performance exams.

Objective examinations (multiple choice, true false, matching, completion, etc.) and quizzes	Exams 15 - 20%

Other: Includes any assessment tools that do not logically fit into the above categories.

Attendance and participation in class critiques; weekly participation in threaded discussions; regular accessing of the course website	Other Category 10 - 20%

Representative Textbooks and Materials:

Photography. 12th ed. London, Barbara and Stone, Jim and Upton, John. Prentice Hall. 2016
A Short Course in Photography: Digital An Introduction to Photographic Techniques. 3rd ed. London, Barbara and Stone, Jim. Pearson. 2014
A Short Course in Photography: Film and Darkroom. 9th ed. London, Barbara and Stone, Jim. Pearson. 2014