ART 82 Course Outline as of Fall 2022

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 digital camera functions, exposure control, and photographic technologies.
3. Demonstrate critical aesthetic judgments regarding photographic composition, visual literacy, and the creative process.
4. Create a cohesive portfolio of digital images.
5. Evaluate work through the process of critiquing digital images.

Objectives:
At the conclusion of this course, the student should be able to:
1. Employ basic photographic techniques including digital camera operation.
2. Apply knowledge of equivalent exposures between aperture and shutter speed in order to control exposure.
3. Demonstrate aperture setting (F-stop) to control depth of field.
4. Demonstrate shutter speed control 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. Modify photographic images for optimal technical and aesthetic values.
8. Create and compile a portfolio of digital photographs.
9. Exercise the ability to make technical and conceptual competency judgments through class critiques.
10. Define health, safety, and maintenance issues of imaging hardware and materials.

Topics and Scope:

I. Overview of the History of Photography
II. The Camera and its Operation
  A. Lenses
  B. Shutter speeds
  C. Exposure controls
  D. White balance
III. Digital Capture, Exposure, and Processing
  A. Sensor capture technologies
  B. File types, image conversion, adjustment and file output
  C. Image resolution, compression, optimization for output and devices
  D. Raw processing
IV. The Image
  A. Composition
  B. Perspective and vantage point
  C. Framing
  D. Texture
V. Photographic Issues
  A. Selective focus and depth of field
  B. Action and motion
  C. Light Source and Dynamics
  D. Bracketing--High Dynamic Range (HDR)
VI. Portfolios and Presentations
  A. Options and methods
  B. Portfolio content
  C. Artist Statement
  D. Presenting work
VII. Critiquing Work
  A. Analytical examination
  B. Aesthetic judgments
  C. Composition
  D. Visual literacy
  E. Creative process
VIII. Basic Modifying and Output
  A. Theory and techniques
  B. Color calibration, profiles, and management
  C. Image optimization
  D. Export for screen and print
IX. Safety and Maintenance
  A. Possible hazards
  B. Safe usage and good habits--ergonomics
  C. Care and maintenance of equipment

All topics and scopes are addressed in both the leture and lab components of this course.

Assignment:

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

Lecture and Lab Related Assignments:

1. Create a series of digital images demonstrating techniques and aesthetic competency in class critique (weekly in and out of class)
2. Presentation of completed portfolio

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.

A portfolio of final work and weekly assignments	Problem solving 25 - 35%

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

Portfolio	Skill Demonstrations 35 - 45%

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

Objective examinations or quizzes such as: multiple choice, true/false, matching, completion, etc.	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 discussions	Other Category 10 - 15%

Representative Textbooks and Materials:
A Short Course in Photography: Digital An Introduction to Photographic Techniques. 4th ed. London, Barbara and Stone, Jim. Pearson. 2019

Photography. 12th ed. London, Barbara and Stone, Jim and Upton, John. Prentice Hall. 2016 (classic)