

**ART 82 Course Outline as of Spring 2014****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:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>	Transferable	Effective: Fall 1993	Inactive:
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:**

**Certificate/Major Applicable:**

Both Certificate and Major Applicable

## **COURSE CONTENT**

### **Outcomes and Objectives:**

Upon the completion of this course, students will be able to:

1. Employ basic photographic techniques including camera operation.
2. Apply knowledge of reciprocity 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 and make proof prints.
8. Modify and print photographic images for optimal technical and aesthetic values.
9. Compile and present a portfolio of 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. Making a photogram using a scanner
  - c. Perspective and vantage point
  - d. Pattern
  - e. 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

**Assignment:**

1. Read one chapter per week (approximately ten pages)
2. Photograph a series of digital images demonstrating techniques and situations presented in class.
3. Class critiques of assignments
4. Portfolio
5. Quizzes and exams (1 or 2)

**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, 9th Edition. London, Barbara; Upton, John; and Stone, Jim. Prentice Hall: 2010.

A Short Course in Digital Photography: An Introduction to Photographic Techniques, by London, Barbara and Stone, Jim. Pearson Prentice Hall: 2009.

A Short Course in Photography: An Introduction to Photographic Technique, Seventh Edition. London, Barbara and Stone, Jim. Pearson Prentice Hall: 2008.