ART 83 Course Outline as of Fall 2022

CATALOG INFORMATION

Dept and Nbr: ART 83   Title: INTERMED DIGITAL PHOTO
Full Title: Intermediate 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 Only
Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:
Formerly:

Catalog Description:
Intermediate level digital photography course in image creation and processing and asset management for fine art and professional photography. Course utilizes industry standard software, such as Adobe Photoshop, Adobe Lightroom, and Capture One.

Prerequisites/Corequisites:
Course Completion of ART 82

Recommended Preparation:
Course Completion of CS 70.1A (or CS 70.11A or CIS 73.21 or CIS 73.31)

Limits on Enrollment:

Schedule of Classes Information:
Description: Intermediate level digital photography course in image creation and processing and asset management for fine art and professional photography. Course utilizes industry standard software, such as Adobe Photoshop, Adobe Lightroom, and Capture One. (Grade Only)
Prerequisites/Corequisites: Course Completion of ART 82
Recommended: Course Completion of CS 70.1A (or CS 70.11A or CIS 73.21 or CIS 73.31)
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 2017	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:
Certificate Applicable Course

COURSE CONTENT

Student Learning Outcomes:
At the conclusion of this course, the student should be able to:
1. Demonstrate knowledge in computer and camera requirements for intermediate level of image capture and processing.
2. Demonstrate skills in using relevant image management software for cataloging, archiving, keywording, image processing and printing and various screen types.
3. Utilize digital tools to improve and create composites, and alter digital images.
4. Demonstrate the photographic skills essential to the entry-level position in photography.
5. Create a portfolio of work demonstrating technical and conceptual competency.
6. Evaluate work through the process of critiquing digital images.

Objectives:
At the conclusion of this course, the student should be able to:
1. Demonstrate the ability to use professional cameras; including medium format, full-framed and other professional equipment at an intermediate level.
2. Develop a non-destructive workflow for file management practices with a variety software.
3. Develop strategies and processes to manage and archive digital images for screen based and print production.
4. Create a composite image using Layers, Masks, and digital retouching
5. Employ technical and conceptual competency judgments of digital photographs through class critiques.
6. Create a cohesive portfolio of digital photography.
7. Define health, safety, and maintenance issues of imaging hardware and materials.

Topics and Scope:

I. Medium Format, Full-frame and Other Professional Quality Cameras
   A. Digital Negative, Camera RAW, and RAW conversion process
   B. Converting to JPGs, PSDs and TIFFs via camera manufactured converter or software such as Lightroom, Photoshop, and Capture One

II. Digital Asset Management
    A. Organization and cataloging
    B. Metadata, keywords, and copyright info
III. Non-Destructive Workflow
    A. Development for local and global control
        1. Exposure
        2. White balance
        3. Saturation
        4. Contrast
        5. Cropping
        6. Sharpening and noise
    B. Intermediate editing skills
        1. History and Digital Snapshots
        2. Spot Removal
        3. Localized adjustment tools
        4. Selections
        5. Layers & Layer Masks
        6. Custom Brushes
        7. Advanced retouching for portrait and product
        8. Presets and automation
        9. Watermark
IV. Tethering Wireless from Camera to Display
    A. Shooting tethered to a computer, tablet or mobile device
    B. Connection and compatibility
V. Print or Screen-based Output
    A. Export settings
    B. Color profiles and calibration
    C. Management Systems integration
VI. Business and Legal Practice
    A. Copyright requirements and registration
    B. Usage, licensing and agreement
    C. Management: assistants, rentals, and studio
VII. Critiquing
    A. Analytical examination including technical and composition choices
    B. Aesthetic judgment
    C. Creative process
    D. Written peer reviews
VIII. Portfolio and Presentation
    A. Concept and content
    B. Archival methods
    C. Sequencing
    D. Artist statement

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

Assignment:

Lecture-related assignments:
    1. Complete quiz(zes) (1-2)
Lab-related assignments:
    2. Create a series of digital images demonstrating techniques and aesthetic competency in class critique (weekly in and out of class)

3. 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 photo assignments	Problem solving 40 - 55%

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

Weekly photo assignments, class critiques, and written evaluation	Skill Demonstrations 25 - 40%

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

Quiz(zes)	Exams 10 - 15%

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

Attendance and participation in lab and critique	Other Category 10 - 25%

Representative Textbooks and Materials:
Adobe Photoshop Classroom in a Book (2021 release). Chavez, Conrad and Faulkner, Andrew. Adobe Press. 2020

The Digital Negative: Raw Image Processing in Lightroom, Camera Raw, and Photoshop. 2nd ed. Schewe, Jeff. Peachpit Press. 2015 (Classic)

Instructor prepared materials