PHOT G191: DIGITAL PHOTOGRAPHY 2

Item	Value
Curriculum Committee Approval Date	05/17/2022
Top Code	101100 - Cinematography
Units	3 Total Units
Hours	108 Total Hours (Lecture Hours 27; Lab Hours 81)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	Yes
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S),
	• Pass/No Pass (B)

Course Description

This course will provide intermediate-level instruction in the processes, principles, and tools of digital photography and digital imaging. Students will gain experience with digital techniques that further their creative exploration of photography. Topics include intermediate camera control instruction, editing techniques, scanning, printing, mounting, and using the essential image editing tools of Adobe Photoshop to create a master digital image. This course continues the development of a student's personal artistic expression and visual perception. PREREQUISITE: PHOT G190. Transfer Credit: CSU; UC.

Course Level Student Learning Outcome(s)

1. Course Outcomes
2. Apply the concepts of digital capture, editing, resolution, and printing to an image.
3. Operate adjustable digital cameras, auxiliary equipment, and scanners.
4. Formulate criticisms of digital photographs using photographic terminology and concepts.

Course Objectives

- 1. Identify the concepts of digital photography and image resolution.
- 2. Operate flatbed scanners and inkjet printers.
- 3. Apply the working foundations and production essentials of digital image editing software.
- 4. Use intermediate image editing tools to enhance, refine, retouch, and composite digital images.
- 5. Analyze digital images as a form of visual communication utilizing terminology and concepts.
- 6. Create a portfolio of digital photographs demonstrating intermediate knowledge of digital image processing.

Lecture Content

Intermediate Functions of Camera Controls Foundations of Adobe Photoshop Tools Palettes Selections Layers Production Essentials Resolution Scanning Optimizing grayscale images Color management Color and tonal correction Layer masks and adjustment layers Paths and channels History palette, history brush, and snapshots Artistic Explorations Collage and composite techniques Black and white effects Coloring and/or painting effects Layer effects Filters Presentation Matting Mounting Framing

Lab Content

Intermediate Image Editing and Enhancing Techniques in Image Editing Software Value Contrast Sharpening Color correction Retouching and refining Intermediate Production Techniques in Adobe Photoshop Digital capture Resolution optimization   Grayscale and color Working with selections Masking Channels Intermediate Creative Explorations in Adobe Photoshop Collages and composites Color effects Layering effect Filter effects Painting effects Special effects Retouching Scanners Flatbed scanners Printers Large format Inkjet Color Theory Management Profiles Lighting Identification Application Available or natural Artificial, continuous, and strobe Digital Image Output and Delivery File specifications for email and print Printing and presentation Portfolio production Intermediate Compositional Techniques and Principles Group and Individual Critiques

Method(s) of Instruction

- Lecture (02)
- Lab (04)

Reading Assignments

Articles, handouts, and textbook readings

Writing Assignments

Written assignments may include quizzes, essays, exams, or reports For each assignment, students will write about the aesthetic and editing decisions made at each step of the process resulting in their final print

Out-of-class Assignments

Students will complete some digital photo shooting assignments outside of class

Demonstration of Critical Thinking

Students will solve specific digital photo shooting assignments involving principles of camera operation and image editing that need to be creatively solved in the form of a successful print Students will critique each others work orally

Required Writing, Problem Solving, Skills Demonstration

Written assignments may include quizzes, essays, exams, or reports For each assignment, students will write about the aesthetic and editing decisions made at each step of the process resulting in their final print Students will create a portfolio of photographic work demonstrating formal, conceptual, and technical development

Eligible Disciplines

Photography: Masters degree in photography, fine arts, or art OR bachelors degree in any of the above AND masters degree in art history or humanities OR the equivalent. Masters degree required.

Textbooks Resources

1. Required London, B. and Stone, J. A Short Course in Photography: Digital, 4th ed. Pearson, 2019 2. Required Hirsch, R. Light and Lens: Photography in the Digital Age, 3rd ed. Routledge, 2018 3. Required

Warren B. Digital Photography, 1st (latest) ed. Cengage, 2013 Rationale:
latest edition