DMD C131: DIGITAL PHOTOGRAPHY USING PHOTOSHOP

Item	Value
Curriculum Committee Approval Date	12/09/2022
Top Code	061400 - Digital Media
Units	3 Total Units
Hours	54 Total Hours (Lecture Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)

Course Description

Use a digital camera with Adobe Photoshop to perform basic image editing techniques to enhance and correct images. Learn basic camera controls, camera support systems, basic lighting techniques, file formats, transfer-of-files, and saving options. Enrollment Limitation: DGA C131; students who complete DMD C131 may not enroll in or receive credit for DGA C131. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Based on specified client/customer criteria, create digital photo projects with images from a digital camera using Photoshop to enhance, correct and crop the images, for print, the web or digital frames.

Course Objectives

- 1. Frame photographs successfully given specific parameters.
- 2. Color correct, retouch, and use filters on digital photos.
- 3. Explore advanced editing techniques and filters.
- 4. Produce professional photo images for post-production and media integration.

Lecture Content

Introduction to camera basic Overview Operation of controls Camera support systems Working with Light Flash modes Internal and external flash units Metering methods Image formats, transfer, and storage Transfers direct from camera and from memory cards and sticks Image formats and sizes for output File browser options for images with Adobe Photoshop/Bridge Camera Raw Image Repair and Enhancement Analysis and adjustment of color hue, saturation, and brightness Analysis and adjustment of tonality or contrast with Levels adjustments Analysis and adjustment of minor flaws in images Output Image sharpening for printing Printing Web output

Method(s) of Instruction

- Lecture (02)
- DE Online Lecture (02X)

Instructional Techniques

A variety of instructional techniques will be employed to encompass different student learning styles. These may include, but are not limited to, lecture, discussion, projects, and small group activities. Instruction will be supplemented, where appropriate, by digital media presentations and resources, guest speakers, and field trips.

Reading Assignments

Students will complete reading assignments from the textbook, supplemental readings, handouts, Internet resources, and any assignments from Coastlines Library.

Writing Assignments

Create a design plan, revision/reflective logs, weekly topic responses, and critiques.

Out-of-class Assignments

Weekly projects demonstrating skills acquired and applied.

Demonstration of Critical Thinking

Reports, revisions, discussions and peer review critiques

Required Writing, Problem Solving, Skills Demonstration

Given customer options, create a 'design plan for photo projects

Eligible Disciplines

Graphic arts (desktop publishing): Any bachelors degree and two years of professional experience, or any associate degree and six years of professional experience.

Textbooks Resources

1. Required Adobe. Adobe Lightroom CC and Photoshop CC for Photographers Classroom in a Book 1st Edition (eBook PDF), 2019 ed. 9780134288611: Adobe, 2019

Other Resources

1. Coastline Library 2. Course uses Online resources, Open Educational Resources (OER), and Zero Textbook Cost (ZTC) Resources.