DDP 130: DIGITAL DARKROOM

Originator
mabril

Justification / Rationale
Added approved UC TCA. RB

Effective Term
Fall 2021

Credit Status
Credit - Degree Applicable

Subject
DDP - Digital Design & Production

Course Number
130

Full Course Title
Digital Darkroom

Short Title
DIGITAL DARKROOM

Discipline

Disciplines List
Photographic Technology/ Commercial Photography
Photography

Modality
Face-to-Face
100% Online
Hybrid

Catalog Description
This digital photography course teaches students valuable skills in asset management and image processing, using cutting edge, industry software. Students will check the camera before a session and follow post-capture steps of transferring pictures from the camera; reviewing, organizing, and ranking them; then adjusting, publishing and archiving them. Students need to bring their own Digital Single-Lens Reflex (DSLR camera). Field trips may be required.

Schedule Description
Students learn how to use Adobe Lightroom by following post-capture steps of transferring pictures from the camera; reviewing, organizing, and ranking them; then adjusting, publishing and archiving them. Students need to bring their own Digital Single-Lens Reflex (DSLR camera). Field trips may be required.

Lecture Units
1
Lecture Semester Hours
18

Lab Units
.5
Lab Semester Hours
27

In-class Hours
45

Out-of-class Hours
36

Total Course Units
1.5

Total Semester Hours
81

Required Text and Other Instructional Materials

Resource Type
Book (Recommended)

Author
Robin Whalley

Title
Adobe Lightroom Classic CC: Mastering the Library Module: A photographer's guide to managing your image library with Adobe Lightroom

Edition
Kindle

Publisher
Robin Whalley

Year
2018

Resource Type
Book

Author
Rafael Concepcion

Title
Adobe Photoshop Lightroom Classic Classroom in a Book (2020 release).

Edition
1st

Publisher
Adobe Press

Year
2020

ISBN #
978-0136623793

Resource Type
Book (Recommended)
Open Educational Resource
Yes

Author
Stephen Bull

Title
A Short Course in Digital Photography.

Publisher
Routledge

Year
2010

For Text greater than five years old, list rationale:
OER ePUB contains essential basics of analyzing photography.

Class Size Maximum

25

Course Content

- I. Camera RAW format and RAW conversion process
-    A. RAW sensor data
-    B. Digital Negative
-    C. Proprietary RAW formats such as .TIF, .NEF, .CR2, .CRW
-    D. Converting to JPGs, PSDs and TIFFs via camera manufactured converter or post-processing software
- II. Portfolio Images
-    A. Usage of appropriate digital camera RAW
-    B. View in library
-    C. Selection
- III. Critiquing
-    A. Analytical examination including technical choices
-    B. Aesthetic judgment
-    C. Composition
-    D. Visual literacy
-    E. Creative process
- IV. Presentation
-    A. Concept and content
-    B. Archival methods
-    C. Technical considerations
-    D. Portfolio sequencing
-    E. Displays

Lab Content

- I. Library and Develop Module in current post-processing software
-    A. Organization and cataloging
-    B. Metadata and keywords
-    C. Development of photos, including white balance, tint, exposure, highlights, shadows, brightness, contrast, cropping, sharpening, noise, saturation and grayscale
- II. Print or Screen-based output
-    A. Export
-    B. Color profiles and color analyzer
-    C. Archival considerations

Course Objectives

	Objectives
Objective 1	Learn digital workflow steps; import, process and export RAW files.
Objective 2	Use proper workflow strategies in post-processing software.
Objective 3	Manage digital assets.
Objective 4	Import digital images for editing.
Objective 5	Properly use Library, Develop, and Output modules in post-processing software.

| Objective 6 | Create, critique and edit photographs in order to assemble a cohesive portfolio of digital photos demonstrating technical and conceptual competency. |
| Objective 7 | Use post-processing software to prepare professional quality images for printing and/or digital distribution. |

Student Learning Outcomes

	Upon satisfactory completion of this course, students will be able to:
Outcome 1	Analyze and modify RAW images from camera using post-processing application.
Outcome 2	Demonstrate digital workflow management and organizational skills.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Discussion	Instructor-led discussions on current topics of digital photography.
Demonstration, Repetition/Practice	Students will learn technical software and hardware applications and apply them in a series of assignment/design challenges.
Lecture	Post-processing workflow steps are presented along with basic review of digital photography related topics.
Technology-based instruction	All course work uses current technology in the field, the students will learn the software and create physical and digital projects with the technology. Instructors will use the technology in demonstrations as it pertains to the assignments.
Collaborative/Team	Students will critique as teams/groups on various projects/design challenges.
Self-exploration	Students will explore their own conceptual approaches, ideas and perspectives to the assignments.
Skilled Practice at a Workstation	A large portion of the lab will be dedicated to time for students to create digital artwork on an individual workstation. Each student will need to be have access to a computer to participate in this course.

Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Portfolios	Students develop a portfolio of final work from various photo assignments.	In and Out of Class
Critiques	Students present their weekly photo assignments in class critiques.	In Class Only
Computational/problem-solving evaluations	Students are assessed using tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.	In and Out of Class
Student participation/contribution	Students will be graded in their participation at critiques and group discussions.	In Class Only
Self/peer assessment and portfolio evaluation	Students will use rubrics to self evaluate their own progress as well as evaluate the work of their peers.	In Class Only
Product/project development evaluation	Students will create assignments with given criteria and will work to solve the image processing challenge as well as apply key fundamental post-processing workflow skills.	In and Out of Class

Assignments

Other In-class Assignments

1. Written personal responses.
2. Weekly photo assignments.
3. Class critiques participation.

4. Quizzes.
5. Digital and/or hard copy portfolio of final work.

Other Out-of-class Assignments
1. Homework assignments applying concepts presented in lecture
2. Completion of assignments that are not completed in class.
3. Reading.

Grade Methods
Letter Grade Only

Distance Education Checklist

Include the percentage of online and on-campus instruction you anticipate.

Online %
50
On-campus %
50

Instructional Materials and Resources

If you use any other technologies in addition to the college LMS, what other technologies will you use and how are you ensuring student data security?

At this time, Adobe Spark, eblogger, LinkedIn, YouTube, and Adobe Behance are projects in this course used to provide students with real world experience. Students set up accounts on these platforms to prepare them for careers in this field. All are password protected by either Adobe, Google and LinkedIn.

If used, explain how specific materials and resources outside the LMS will be used to enhance student learning.

Working outside the LMS provides the additional technologies and "real world" element necessary to give students the robust learning experience required for Digital Design & Production courses.

Effective Student/Faculty Contact

Which of the following methods of regular, timely, and effective student/faculty contact will be used in this course?

Within Course Management System:

Discussion forums with substantive instructor participation
Online quizzes and examinations
Private messages
Regular virtual office hours
Timely feedback and return of student work as specified in the syllabus
Video or audio feedback
Weekly announcements

External to Course Management System:

Direct e-mail
E-portfolios/blogs/wikis
Posted audio/video (including YouTube, 3cmediasolutions, etc.)
Synchronous audio/video
Telephone contact/voicemail
USPS mail

For hybrid courses:

Field trips
Library workshops
Orientation, study, and/or review sessions
Scheduled Face-to-Face group or individual meetings

Briefly discuss how the selected strategies above will be used to maintain Regular Effective Contact in the course.
Graded discussion assignments, required participation in critiques and weekly announcements.

Other Information

MIS Course Data

CIP Code
50.0605 - Photography.

TOP Code
101100 - Photography

SAM Code
E - Non-Occupational

Basic Skills Status
Not Basic Skills

Prior College Level
Not applicable

Cooperative Work Experience
Not a Coop Course

Course Classification Status
Credit Course

Approved Special Class
Not special class

Noncredit Category
Not Applicable, Credit Course

Funding Agency Category
Not Applicable

Program Status
Stand-alone

Transfer Status
Transferable to both UC and CSU

General Education Status
Y = Not applicable

Support Course Status
N = Course is not a support course

Allow Audit
No

Repeatability
No

Materials Fee
No

Additional Fees?
No

Files Uploaded

Attach relevant documents (example: Advisory Committee or Department Minutes)
DM Advisory mtg panel notes.docx

DDP 130 CO Approval letter.pdf

Approvals

Curriculum Committee Approval Date
11/19/2020

Academic Senate Approval Date
12/20/2020

Board of Trustees Approval Date
1/15/2021

Chancellor's Office Approval Date
2/10/2021

Course Control Number
CCC000622615

Programs referencing this course

Photography Certificate of Achievement (http://catalog.collegeofthedesert.eduundefined/?key=217)
Digital Design Studies AA Degree (http://catalog.collegeofthedesert.eduundefined/?key=377)