DDP 132: INTERMEDIATE DIGITAL PHOTOGRAPHY

Date Submitted:Wed, 04 Sep 2019 01:30:17 GMT

Formerly known as:
DDP 032 (or if cross-listed - inactivated courses associated with this course)

Originator
mabril

Justification / Rationale
To include all modalities and align with the rest of DDP numbering system.

Effective Term
Fall 2020

Credit Status
Credit - Degree Applicable

Subject
DDP - Digital Design & Production

Course Number
132

Full Course Title
Intermediate Digital Photography

Short Title
INT DIGITAL PHOTO

Discipline

Disciplines List
Art
Graphic Arts (Desktop publishing)
Photographic Technology/ Commercial Photography
Photography
Commercial Art (Sign making, lettering, packaging, rendering)

Modality
Face-to-Face
100% Online
Hybrid

Catalog Description
This course provides intermediate and advanced instruction in applied digital photography. Students expand their basic digital photography skills to produce digital photographs for the web, prints or slide presentations. Emphasis is placed on taking high quality digital photographs, utilizing advanced image editing software and producing images suitable for prints, publication or the web. A digital camera of at least 3 megapixels is required and image editing software is recommended. Students should have access to a computer capable of handling digital photo files, a photo quality printer and USB connections.

Schedule Description
Applied Digital Photography emphasizes the use of digital photography for commercial applications in magazines, newspapers, weddings, web sites, books, and others areas of commercial design.
Prerequisite: DDP 131 or ART 031

Lecture Units
2
Lecture Semester Hours
36

Lab Units

1

Lab Semester Hours

54

In-class Hours

90

Out-of-class Hours

72

Total Course Units

3

Total Semester Hours

162

Prerequisite Course(s)

DDP 131 or ART 031

Required Text and Other Instructional Materials

Resource Type

Book

Author

Kelby, Scott

Title

Scott Kelby's Digital Photography Boxed Set, Parts 1, 2, 3, and 4, Updated Edition

City

Berkeley

Publisher

Peachpit

Year

2013

College Level

Yes

Flesch-Kincaid Level

12

ISBN #

0321966759

Resource Type

Web/Other

Description

Handouts: Each assignment will be introduced by a computer computer presentation, with handouts.

Class Size Maximum

25

Entrance Skills

Demonstrate an understanding of the fundamentals of capturing the digital image.

Entrance Skills

Use various digital cameras

Requisite Course Objectives

ART 031-Use digital still cameras with manual and semi-automatic functions to affect desired technical outcomes.
ART 031-Process digital camera images and media on computers.

Entrance Skills

Demonstrate an understanding of the mechanics of the digital image (pixels, bit depth, color spaces).

Requisite Course Objectives

ART 031-Demonstrate an understanding of the mechanics of the digital image (pixels, bits, color root components).

Entrance Skills

Demonstrate an understanding of image file formats (JPEG, TIFF, RAW, DNG, PDF).

Requisite Course Objectives

ART 031-Demonstrate an understanding of image file formats (JPEG, TIFF, GIF, CCITT, LZW).

Course Content

a.   Use of intermediate and advanced consumer digital cameras.
b.   Orientation to semi-professional and professional digital cameras.
c.   Use of intermediate and advanced ink jet printers.
d.   Panorama images for commercial application
e.   Embedding images in a web page.
f.   In-depth study of the digital photo studio.
g.   Advanced techniques in techniques of using photofloods and studio electronic flash with digital cameras.
h.   Advanced digital studio portraiture.
i.   Orientation to commercial digital photography.
j.   Orientation to digital photojournalism.
k.   Use of Adobe Photoshop and Adobe Camera Raw software.

Lab Content

1. Capture images with a digital camera under a variety of conditions.
2. Advanced digital photography skills for the working professional (the art of seeing, lighting, composition, types if metering, shutter speed to control motion, aperture to control depth of field, ISO to control lighting situations , special lenses, proper exposure, white balance, filter usage, and manual exposure control).
3. Student practice advanced digital image manipulation; color balance, contrast, levels, curves, and retouching to achieve the best digital image.
4. Create and produce digital photos for websites.
5. Practicing commercial product photography, how to light objects to get the best representation of a product for commercial sales.
6. Discuss the photographic image in relation to its importance in presenting issues and philosophical points of view.
7. Create high quality digital photographic prints by utilizing Adobe Photoshop and Camera Raw.
8. Produce digital slide presentations.
9. Use digital cameras to record images under a variety of situations (available light, photofloods, electronic flash and night photography).

Course Objectives

	Objectives
Objective 1	Capture images with a digital camera under a variety of conditions.
Objective 2	Operate various function controls of digital cameras.
Objective 3	Discuss various image file formats (TIFF, JPEG, RAW, DNG, PDF, and how they are used in the commercial workflow).

Objective 4	Use digital cameras to record images under a variety of situations (available light, photofloods, electronic flash and night photography).
Objective 5	Create high quality digital photographic prints by utilizing Adobe Photoshop and Camera Raw.
Objective 6	Produce digital slide presentations.
Objective 7	Create and produce digital photos for websites.
Objective 8	Discuss the photographic image in relation to its importance in presenting issues and philosophical points of view.

Student Learning Outcomes

	Upon satisfactory completion of this course, students will be able to:
Outcome 1	Analyze the photographic process using a digital camera and how the following are applied in specific shooting scenarios (seeing, lighting, composition, types if metering, shutter speed to control motion, aperture to control depth of field, ISO to control lighting situations, special lenses, proper exposure, white balance, filter usage, manual exposure control).
Outcome 2	Evaluate the process of creating photographic images in terms of design elements, form and content.
Outcome 3	Create high quality digital photographic images for class presentation and critique as well as for student portfolio.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Collaborative/Team	Group and individual critiques of finished projects.
Lecture	Lectures and presentations by visiting photographers in addition to best practices for execution of digital photography assignments.
Laboratory	Use of instructor guided lab exercises correlated with lecture topics.
Demonstration, Repetition/Practice	Demonstrations of intermediate and advanced skills needed to capture, edit, store and output quality digital photographic.
Observation	Examples of digital photographs illustrating various techniques.
Technology-based instruction	Students learn software to work on digital projects. Instructors will use the technology in demonstrations as it pertains to the assignments.

Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Critiques	Students will participate in group critiques, addressing the requirements of the assignment as well as the creative exploration and graded with a rubric.	In Class Only
Field/physical activity observations	Student will be evaluated on their ability to comprehend the and physically complete assignments.	In Class Only
Group activity participation/observation	Students will be graded in their participation at critiques and group discussions.	In Class Only
Mid-term and final evaluations	Students will have both a mid term and final evaluation. The culmination of the course will be a graded assignment/project or physical test of knowledge pertaining to digital photography equipment.	In Class Only
Portfolios	Students will create a "body of work" that will be evaluated with a rubric.	In and Out of Class
Presentations/student demonstration observations	Students will participate in group critiques, addressing the requirements of the assignment as well as the creative exploration and graded with a rubric.	In Class Only
Tests/Quizzes/Examinations	Students will be quizzed on key art and media terminology including the principles and elements of design.	In Class Only

Assignments

Other In-class Assignments
1. Complete a photography assignment involving an event, a formal portrait, or a product shoot
2. Digitally process images at a quality acceptable for reproduction
3. Repurpose an image for web use.
4. Digital photo quality prints
5. Digital web images.
6. Images to illustrate features of photo quality printers.
7. Presentation of projects for critiques.
8. Abstract/non-objective digital photographic images.
9. Multi-image compositions.
10. Collaborative/interactive digital photo projects.

Other Out-of-class Assignments
1. Digital photo quality prints
2. Digital web images.
3. Images to illustrate features of photo quality printers.
4. Presentation of projects for critiques.
5. Abstract/non-objective digital photographic images.
6. Multi-image compositions.
7. Collaborative/interactive digital photo projects.

Grade Methods
Letter Grade Only

Distance Education Checklist

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

Online %
50
On-campus %
50

Lab Courses

How will the lab component of your course be differentiated from the lecture component of the course?

The lecture portion of the course will consist of activities (e.g. critiques, demonstrations) that will build confidence and knowledge using their digital cameras.
During the lab component of this course, students will be on location for their photography assignments improving their way of seeing through the lens, capturing images that build their portfolio and applying the skills they learned in the lecture part of this course.

From the COR list, what activities are specified as lab, and how will those be monitored by the instructor?

Activities that involve the students capturing images using their digital camera will be specified as lab. The course will contain Canvas weekly discussions and assignments that require students to complete photography projects that achieve a particular goal.

How will you assess the online delivery of lab activities?

Lab activities will require students to upload files and input text and/or URLs for assignments.

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?

n/a

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:

Timely feedback and return of student work as specified in the syllabus
Discussion forums with substantive instructor participation
Chat room/instant messaging
Regular virtual office hours
Private messages
Online quizzes and examinations
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
Teleconferencing
Telephone contact/voicemail

For hybrid courses:

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

Briefly discuss how the selected strategies above will be used to maintain Regular Effective Contact in the course.

There will be weekly discussions regarding topics related to photography with appropriate instructor participation. Students will photograph and upload assignments. These activities will receive appropriate instructor feedback.

If interacting with students outside the LMS, explain how additional interactions with students outside the LMS will enhance student learning.

With hybrid courses, students will meet weekly for lecture, demonstrations and critiques.

Other Information

Provide any other relevant information that will help the Curriculum Committee assess the viability of offering this course in an online or hybrid modality.

Allowing for other course delivery options, this change looks to future possibilities for the increased enrollments for the DDP program. In addition, it will help to serve current (over 40%) and future east valley DDP students due to the program move to the West Valley campus effective Fall 2019.

Comparable Transfer Course Information

University System

CSU

Campus

CSU San Bernardino

Course Number

ART 291

Course Title

Beginning Digital Photography

Catalog Year

2019-2020

MIS Course Data

CIP Code
11.0803 - Computer Graphics.

TOP Code
061460 - Computer Graphics and Digital Imagery

SAM Code
C - Clearly 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
Program Applicable

Transfer Status
Transferable to both UC and CSU

Allow Audit
No

Repeatability
No

Materials Fee
No

Additional Fees?
No

Approvals

Curriculum Committee Approval Date
11/05/2019

Academic Senate Approval Date
11/14/2019

Board of Trustees Approval Date
12/19/2019

Chancellor's Office Approval Date

1/07/2020

Course Control Number

CCC000306437

Programs referencing this course

Digital Design Production AS Degree (http://catalog.collegeofthedesert.eduundefined?key=126/)
Digital Design Production Certificate of Achievement (http://catalog.collegeofthedesert.eduundefined?key=127/)
Applied Photography Certificate of Achievement (http://catalog.collegeofthedesert.eduundefined?key=217/)