



Palm Springs Unified School District Secondary Course Description

Please read: Sections 1 and 2 must be completed and submitted to the Director of Secondary Curriculum and Instruction for all courses seeking PSUSD Cabinet and Board approval. Sections 3 and/or 5 must be completed if the course will be submitted to the University of California (UC) for placement on your school's a-g list and/or Career and technical educational (CTE).

***NOTE: If this is a COD "Dual Enrollment" course then the course cannot be changed.

District Office Use Only

Transcript Title(s)/Abbreviation: DDP 030 Digital Photography

Transcript Course Code(s)/Number(s): 6062 Cabinet/BOE Approval Date: September 12, 2017

Section 1: Course Content

1. Course Title: DDP030 Digital Photography

Date this course was first submitted to the Curriculum Advisory: August 28, 2017

2. Is this a re-write of an existing course? No If "Yes," what is the District Course Code: _____

3. CALPADS Code : 2890

4. PSUSD graduation requirement subject area: Fine Art

5. Unit Value for complete course: 10 PSUSD credits (one year/two semesters) 6. Grade Level: -- -- 11 12

Course can be repeated for Credit?

Note: Grade level pertains to which grades the course has been designed.

7. PSUSD Department: Visual and Performing Arts

8. PSUSD weighted GPA? Yes 9. Is this an "online" learning course? No

Dual Enrollment?

If "Yes," list the online provider: _____

Note: If "Yes," an additional course code will be created by ETIS with a virtual designation.

10. Will this course be offered only through the Alternative Education Program? No

11. Career Pathway Relationship

Note: Refer to the list of Industries and their associated Pathways in Section 5, Item #38

Is this course an Industry and Career Pathway-related Course? Yes

If "Yes," which Industry? Arts, Media, and Entertainment

Which Pathway? Design, Visual and Media Arts

What sequence level? 18-Intermediate

12. Is this course an Academy-related Course? Yes If "Yes," which Academy? DATA

13. Course Content:

For each unit of the course, provide:

1. A brief description (5-10 sentences) of topics to be addressed that demonstrates the critical thinking, depth and progression of content covered.
2. A brief summary (2-4 sentences) of at least one assignment that explains what a student produces, how the student completes the assignment and what the student learns.

Lecture:

1. History of the digital image.
2. Types of different digital cameras.
3. Operation of various types of digital cameras
4. Employing the using of camera controls to affect desired photographic outcomes.
5. Storing the image (media choices, capacity, image size and compression).
6. Mechanics of digital photography (pixels, bits, color root components, RGB-additive color model, black and white and color images – bits per pixel).
7. Pixel count and resolution (screen resolution, the web, prints).
8. Image file formats (JPEG, TIFF, GIF, CCITT, LZW, Pacbits, RAW, DNG, PDF).
9. Digital interface (viewfinder and LCD, media, serial, USB, downloading, memory card readers).
10. Storage of the digital image (hard drive, removable media, CD-Rom, DVD and online repositories).
11. Printers to process the digital image (inkjet, laser, print-on-demand, dye-sublimation).
12. Essentials of photography to produce high quality photographic images for the digital image maker (the art of seeing, lighting, composition, light meters, digital zone system, shutter speed, aperture and depth of field, special effects, special lenses)
13. 3D and immersive images (anaglyphs and the panorama image)
14. Digital image correction (straightening/cropping, corrections–image adjustment– color, lightness, contrast, levels, curves, retouching).
15. Preparing images for print and the web (mixing pigments, using a printer, color matching, creating images for the web.).
16. Archiving digital images (how archiving works, burning CD's and DVD's Windows and Mac OS platforms; compression, cataloging your archives, printing proof sheets).

Lab:

1. Employ camera controls to effect assigned photographic outcomes.
2. Use lighting, composition, light meters, digital zone system, shutter speed, aperture, depth of field, special effects and special lenses to create a series of digital images.
3. Use straightening/cropping, color, lightness and contrast image correction techniques in all assignments.
4. Use proper pixel count in monitor, Web and print formats.
5. Create JPEGs, TIFFs, GIFs, CCITTs, LZWs and Pacbits image file formats.
6. Store digital images on the hard drive, removable media, CD-Rom, DVDs and online repositories using choice of media, capacity, image size, compression and interface methods.
7. Print a series of digital images.
8. Prepare a portfolio of images for print and the web.
9. Archive all digital image assignments.

Course Student Learning Outcomes:

1. Demonstrate a comprehensive understanding of the Art of seeing, lighting and composition by successfully completing a portfolio of digital images that can be purposed for both web and print applications for applied and fine arts.
2. Understand and actualize storing of digital images on the hard drive, removable media, CD-Rom, DVDs and online repositories using choice of media, capacity, image size, compression and interface methods.
3. Complete a portfolio of images for print and the web.

Course Objectives: *Upon completion of this course, students will be able to:*

- a. Demonstrate an understanding of the fundamentals of capturing the digital image.
- b. Use digital still cameras with manual and semi-automatic functions to affect desired technical outcomes.
- c. Demonstrate an understanding of the mechanics of the digital image (pixels, bits, color root components).
- d. Demonstrate an understanding of image file formats (JPEG, TIFF, GIF, CCITT, LZW).
- e. Demonstrate an understanding of the use of digital interface (media, serial, USB, downloading)

- f. Process digital camera images and media on computers.
- g. Demonstrate an understanding of the use of printers to produce digital photographs.
- h. Demonstrate an understanding of how to prepare digital images for the web/electronic display and print production.
- i. Demonstrate an understanding of the essentials of photography in capturing digital images (the art of seeing, lighting, composition, light meters, digital zone system, shutter speed, aperture and depth of field, special effects, special lenses, overriding automatic functions).

Methods of Instruction: *(Integration: Elements should validate parallel course outline elements)*

- a. Activity
- b. Collaborative/Team
- c. Demonstration, Repetition/Practice
- d. Discussion
- e. Experiential
- f. Individualized Study
- g. Journal
- h. Laboratory
- i. Lecture
- j. Observation

Assignments:

In-class Assignments:

1. Create digital images for print, web and electronic display.
2. Produce photo quality digital prints in both black/white and color formats.
3. Use web display for a portfolio of digital images.
4. Present digital images for critique.

Out-of-class Assignments:

Capture and produce interior and exterior digital images.

Methods of Evaluating Student Progress: *The student will demonstrate proficiency by:*

Written homework

Digital image assignments

Critiques

Portfolios

Term or research papers

Laboratory projects

Semester project: Photo Essay/Journalism

Presentations/student demonstration observations

Group activity participation/observation

Product/project development evaluation

Self/peer assessment and portfolio evaluation

True/false/multiple choice examinations

Mid-term and final evaluations

a. Mid-term exam (demonstration) b. Mid-term exam (written) c. Final exam (demonstration). d. Final exam (written).

Student participation/contribution

Participation in class discussions and critiques

Student preparation

Need/Purpose/Rationale -- *All courses must meet one or more CCC missions.*

PO-GE C3 – Arts, Humanities, and Culture

Analyze the variety of forms of expression and how those are used to communicate social, cultural, and personal ideas, feelings, and concepts;

Show how and why the visual and performing arts are unique and how inherent meaning in the arts transcends written and verbal communication;

Effectively communicate and express themselves and make themselves understood through visual, auditory, tactile, and symbolic means.

Connect knowledge of self and society to larger cultural contexts.

PO - Career and Technical Education

Apply critical thinking skills to execute daily duties in their area of employment.

IO - Personal and Professional Development

Develop realistic goals.

Value the feedback of others.

IO - Aesthetics

Apply and relate theories of aesthetics to everyday life.

Utilize the creative process to explain universal values such as beauty and truth.

Apply imagination to artistic expression.

Value appearance in terms of how pleasing it is in movement, form, and function.

14. Course Overview [Provide a brief summary/snapshot (3-5 sentences) of the course's content]:

This course provides an introduction to the tools, materials and techniques of digital photography. Students learn to capture images using a digital camera to demonstrate and master basic standards in photographic technique. Topics include the use of digital interfaces, printers and file formats as well as the preparation of images for electronic display. A digital camera with a minimum of five megapixels and a corresponding camera manual is required.

15. Texts and Supplemental Instructional Materials (*all non-core instructional materials are the responsibility of individual schools to purchase.*)

Texts: London, Barbara and Stone, Jim (2014). A Short Course in Digital Photography (3rd/e). Pearson. ISBN: 9780205998258

Supplemental Materials: Handouts: Each assignment is introduced by handouts providing information pertinent to the topic.

16. Will this course be submitted for approval by UC? No

Section 2: School and District Information

School Information

1. School Name: Cathedral City High School

School District: Palm Springs Unified School District

City and State: Palm Springs, California District Web Site: http://www.psusd.us

School Course List Contact Information (Name of AP of Curriculum or Principal)

2. Name: Karen Dimick, Ed.D.

Position/Title: Assistant Principal Email: kdimick@psusd.us

Phone #: 760-770-0139 Ext: _____

Teacher Contact Information (Name of teacher/administrator who authored this course)

3. Name: Matthew Cauthron

Position/Title: Teacher Email: mcauthron@psusd.us

Phone #: 760-770-0100 Ext. _____



Palm Springs Unified School District Secondary Course Description

Section 3: Course Information

1. Was this course "Previously Approved" by UC? No

Note: if this course is to be submitted to UC and it was "Previously Approved," the exact same course title as the previously approved course must be used. Complete outlines are not needed for courses previously approved by UC. Courses that are defined as "previously approved" are courses from the following programs (Advanced Placement, International Baccalaureate, ROP courses, etc.), or courses from within the same district, or courses that have been removed within a three-year window are being reinstated, and/or courses from UC-approved online providers. Courses modeled after courses from outside the school district are also defined as "previously approved" but a complete course description will be required for submission to UC. Each section below represents an individual page on the UC electronic submission site.

If "No," proceed to the Course Description Section (Section 4).

If "Yes," indicate which category applies:

2. Is this course modeled after a UC-approved course from another high school outside of our district? No

Note: If "Yes," you will be required to submit a complete course description. UC will review the previous submission, if it is available, to assist them in their review process.

If "Yes," list which school: _____

Exact Course Title: _____

3. Is this course modeled after an identical course approved by UC for the current year at another high school in PSUSD: No

If "Yes," what school? _____

Exact Course Title: _____

4. Is this course being reinstated after removal within 3 years: No

If "Yes," what year was the course removed from the list? _____

Exact Course Title: _____

5. Has this course been provided program status, is not an online course, and is it listed below? No

If "Yes," select an option from the Program

Status list: -- _____

6. If "Advanced Placement," has it been authorized by the College Board through the AP audit process? --

Note: UC will only allow Advanced Placement courses that have passed or are in the AP audit process. UC requires all AP courses on your list, including those approved in prior years, to be verified via the College Board AP audit process. UC will run quarterly reports based on AP Audit data. AP courses not listed on the AP audit list will be removed.

If "In Progress," date submitted to AP: _____
MM/DD/YYYY

Exact Program Course Title: -- _____

7(a). Is this course provided by one of the UC-approved online curriculum providers listed in #8?

No

7(b). Have you signed the appropriate partnership agreement with the provider regarding methods of delivery and instruction?

No

Note: You must have signed an agreement with the appropriate provider and filed with UC in order to use their courses.

8. If the answer to either 7(a) or (b) is "No," UC will not approve this course. If "Yes" to both 7(a) and (b)., then select the appropriate option from the Online Provider List below:

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9. Seeking "Honors" Distinction

Note: To receive "Honors" distinction for both UC and PSUSD, the course content must satisfy certain requirements. For information about these requirements, refer to the a-g Guide: <http://www.ucop.edu/a-gGuide/ag/a-g/honors.html>. For "Previously Approved" courses (including AP and IB), the honors information will be pre-populated as applicable on your UC submission template.

No

*Note: "Other Honors" is defined by UC as a course specifically designed with distinctive features which set it apart from regular high school courses in the same discipline areas. The course should be seen as comparable in terms of workload and emphasis to AP, IB or introductory college courses in the subject. Honors courses must be designed for the 11th and 12th grade level to be UC approved and require a comprehensive, year-long written final exam. In addition to AP and IB higher level courses, **high schools may certify not more than one honors level course per grade level in each of the following subject areas only: history, English, advanced mathematics, each laboratory science course, each language other than English, and each of the four VPA disciplines.** If there are no AP or IB or higher level courses in a given subject area, the high school may certify up to, but not more than two honors level courses in that area.*

10. Subject Area and Category

"a" - History/Social Science

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"b" - English

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"c" - Mathematics

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"d" - Laboratory Science

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Note: Students electing to enroll in an integrated-science program (ISP) are strongly advised by UC to complete the entire three-year sequence. In most cases, the first year of an integrated science sequence fulfills only the "g" elective requirement: the second and third years of the sequence then fulfill the two-year "d" laboratory science requirement. Accordingly, if only ISP 1 and only one of ISP 2 or ISP 3 are completed, then one additional course from the categories of Biology, Chemistry, or Physics from the "d" subject area must be taken to fulfill the "d" requirement.

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Note: This category demonstrates that the course is cross-disciplinary and is often used for advanced science courses such as AP Environmental Science or Biochemistry

"e" - Language Other than English

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Language --

"f" - Visual and Performing Arts

Visual Arts (Advanced)

--

"g" - Elective

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Palm Springs Unified School District High School Course Description

Section 4: Course Attributes

1. Is this course classified as a Career Technical Education Course?

Yes

If no, skip item #2

2. If "Yes," select the name of the industry **and** Career Pathway:

<input type="checkbox"/> Agriculture and Natural Resources	--
<input checked="" type="checkbox"/> Arts, Media, and Entertainment	Design, Visual, and Media Arts
<input type="checkbox"/> Building and Construction Trades	--
<input type="checkbox"/> Business and Finance	--
<input type="checkbox"/> Education, Child Development and Family Services	--
<input type="checkbox"/> Energy, Environment, and Utilities	--
<input type="checkbox"/> Engineering and Architecture	--
<input type="checkbox"/> Fashion and Interior Design	--
<input type="checkbox"/> Finance and Business	--
<input type="checkbox"/> Health Science and Medical Technology	--
<input type="checkbox"/> Hospitality, Tourism, and Recreation	--
<input type="checkbox"/> Information and Communication Technologies	--
<input type="checkbox"/> Manufacturing and Product Development	--
<input type="checkbox"/> Marketing, Sales, and Service	--
<input type="checkbox"/> Public Services	--
<input type="checkbox"/> Transportation	--