

PALOMAR COLLEGE
COURSE OUTLINE OF RECORD FOR
DEGREE CREDIT COURSE

X Transfer Course X A.A. Degree applicable course
(check all that apply)

COURSE NUMBER AND TITLE: GC/RGC 140 Digital Imaging/Photoshop 1

UNIT VALUE: 3.0

MINIMUM NUMBER OF SEMESTER HOURS: 96

BASIC SKILLS REQUIREMENTS: Appropriate language and computational skills

ENTRANCE REQUIREMENTS

PREREQUISITE: None

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE: The study of digital imaging and editing with Adobe Photoshop for visual, pictorial and graphic use in all media. Emphasis on creating and enhancing imagery for effective use in mass communication mediums.

SPECIFIC COURSE OBJECTIVES:

Successful students will

- a. Explain program management for allocations, preferences, and hardware requirements.**
- b. Solve image problems with functions of the application**
- c. Demonstrate navigation and use of tools used for editing**
- d. Identify and comprehend the use of the menu items**
- e. Demonstrate the creative use of layers**
- f. Demonstrate the creative use of the painting functions**
- g. Explain the different modes use in imaging**

- f. Demonstrate the creative use of the painting functions**
- g. Explain the different modes use in imaging**
- h. Apply the principles of color theories**
- i. Demonstrate the use of the object oriented functions in imaging**
- j. Explain calibrating processes**
- k. Identify and use digital imaging capturing devises.**
- l. Compare and contrast needs for image repurposeing**
- m. Explain the image types used in communications**
- n. Explain basic design concepts in used in image development**
- o. Demonstrate the concepts to develop high impact images.**
- p. Identify quality control concepts for end use**
- q. Demonstrate safe use of the equipment**

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

1. introduction to digital imaging software

- a. requirements for operation**
- b. preferences and allocations**
- c. storage mediums**
- d. the interface and navigation**

2. problem solving images

- a. types of images**
- b. image requirements for end use**
- c. lighting**
- d. tonal range**
- e. retouching and sharpening**

3. tools for image editing

- a. selections**
- b. painting and drawing**
- c. history and states of time**
- d. object oriented tools**
- e. utility tools**

4. menu items for image manipulation

- a. editing**
- b. imaging**
- c. layers**
- d. pallets**
- e. filters**

5. pallet work flow

- a. information**
- b. color**
- c. layers**
- d. history**
- e. channels**

6. creative uses of application

- a. layer functions and creative uses**
- a. painting variables and creative uses**

b. design principles

c. layer functions and creative uses

d. painting variables and creative uses

e. design principles

7. modes for media

a. modes for export

b. modes for color correction

c. requirements for media

d. creative uses of modes

8. object and vector functions

a. drawing and creating with vector art

9. image capturing

a. cameras, scanners, digital video, and other devices

b. creative use of capture devices

10. image types for communications

a. designing effective images

b. target communications and image content

c. image styles and types, repurposing images

d. quality control of images

REQUIRED READING:

Adobe Systems. Classroom in a Book. San Jose, CA: Adobe Press , 2001

SUGGESTED READING:

EPI Magazine

Digital Imaging Magazine

Design Graphics Magazine

REQUIRED WRITING:

Two written assignments (2 pages), two written reports (1 page) on independent research

OUTSIDE ASSIGNMENTS:

Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short-term classes.

Field trips to two commercial sites, read text, study lecture notes and complete online exams

INSTRUCTIONAL METHODOLOGY:

Check all that apply:

- lecture
- laboratory
- lecture-laboratory combination
- directed study

DISTANCE LEARNING:

This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.

Yes No

If yes, check all that apply:

- Television Course (Video one-way, e.g. ITV, video cassette, etc.)
- Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)
- Two-Way Video Conferencing (Two-way interactive video and audio)
- One-Way Video Conferencing (One-way interactive video and two-way interactive audio)
- Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials through a computer terminal, but not under immediate supervision of a qualified instructor.)

GRADING POLICY AND STANDARDS (include methods of determining whether the stated objectives have been met by students):

- 50% Assignments
- 10% exams
- 10% notebook
- 30% creative assignments

IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?

Yes No Number of times course may be taken for credit: 4

If yes, identify specific provision of Title 5 Division 2 section(s), 55761-55763 and 58161 which qualifies course as repeatable:

CONTACT PERSON: Neil Bruington

SIGNATURES ON FILE