

# College of San Mateo

## Course Outline

- New Course  
 Update/No change  
 Course Revision (Minor)  
 Course Revision (Major)

Date: 10/7/10

Department: Digital Media Number: 212

Course Title: Media Design II: Photoshop Units:3

Total Semester Hours Lecture:48 Lab: 16 Homework: 80 By Arrangement: 0

### Length of Course

- Semester-long  
 Short course (Number of weeks \_\_\_)  
 Open entry/Open exit

### Grading

- Letter  
 Pass/No Pass  
 Grade Option (letter or Pass/No Pass)

Faculty Load Credit (To be completed by Division Office; show calculations.):

FLCS 3.7 Calculations: Lecture:  $(48 \div 16) = 3$  Lab:  $(16 \div 16) = 1 \times .7$

1. Prerequisite (Attach Enrollment Limitation Validation Form.)  
None
2. Corequisite (Attach Enrollment Limitation Validation Form.)
3. Recommended Preparation (Attach Enrollment Validation Form.)
4. Catalog Description (Include prerequisites/corequisites/recommended preparation. For format, please see model course outline.)

#### DGME 212 Media Design II: Photoshop

*(3) (Pass/No Pass or letter grade) Minimum of 48 lecture hours and 16 lab hours per term.*

Creating and manipulating digital photographs and illustrations destined for digital media applications such as print, web or multimedia using Adobe Photoshop. Color models, layering techniques, masks, channels, filters, and color correction will be explored. A materials fee shown in the Schedule of Classes is payable upon registration. (AA, Area5d, CSU)

5. Class Schedule Description (Include prerequisites/corequisites/recommended preparation. For format, please see model course outline.)

#### DGME 212 Media Design II: Photoshop

Creating and manipulating digital photographs and illustrations destined for digital media applications such as print, web or multimedia using Adobe Photoshop. Color models, layering techniques, masks, channels, filters, and color correction will be explored. A \$xx.xx materials fee is payable upon registration. *(Pass/No Pass or letter grade)* (AA, Area5d, CSU)

6. **Student Learning Outcomes** (Identify 1-6 expected learner outcomes using active verbs.)

Upon successful completion of the course, the student will be able to:

1. Acquire complex selections in a Photoshop image using the various selection tools; copy and paste these selections to create a photo montage.
2. Create and manipulate multi-layered Photoshop images.
3. Work with Quick Mask mode, save selections (masks) in channels, update the channel masks and create channel masks from scratch.
4. Use the various painting tools within Photoshop to paint and/or fill areas in images with painterly or fine art type effects.
5. Render type treatments and layer styles in Photoshop for web and print purposes.
6. Accomplish simple photo corrections and basic retouching and repairing of images using Healing tools and manual color correction features.
7. Explain the differences between the various resolutions pertaining to digital images for web and print, as well as answer questions regarding all of the Photoshop features listed in SLOs 1-6

7. **Course Objectives** (Identify specific teaching objectives detailing course content and activities. *For some courses, the course objectives will be the same as the student learning outcomes. In this case, "Same as Student Learning Outcomes" is appropriate here.*)

Same as Student Learning Outcomes.

8. **Course Content** (Brief but complete topical outline of the course that includes major subject areas [1-2 pages]. Should reflect all course objectives listed above. In addition, a sample course syllabus with timeline may be attached.)

1. Basic competencies

Photoshop work area, menus and palettes

Viewing, navigation

Using Adobe Bridge

Viewing, editing files

Naming, deleting files

Automating routine tasks

2. Basic Photo Corrections

Resolution

Basic color correction methodology

Basic color correction tools

Saving images for four-color printing

Retouching and Repairing Images

Clone Stamp tool

Healing tools

History Palette

3. Selections

Selection tools

Transforming selections

Cropping images

Channels

4. Layer Basics

Creating, rearranging and flattening layers

Layer styles  
Masks and Channels  
Saving and loading selections

5. Quick Mask mode  
Editing masks  
Filter effects  
Gradient masks

6. Correcting and Enhancing Digital Photographs  
Camera raw  
Correcting digital photographs  
Vanishing-point perspective  
Correcting distorted images  
Creating a pdf portfolio  
Color theory

7. Typographic Design  
Creating and Editing type  
Type Clipping masks  
Warping type  
Photoshop Vector Tools  
Bitmap and vector graphics

8. The Pen tool  
Creating and editing paths  
Creating Shape layers  
Working with custom shapes  
Smart Objects

9. Advanced Layer Techniques  
Layer sets  
Clipping paths and groups  
Applying layer styles  
Layer masks  
Adjustment layers

10. Advanced Compositing  
Actions  
Automating tasks  
Hand tinting  
Applying filters  
Creating a Web Design Composite

11. Creating Links Within an Image for the Web  
Slice tool  
Image maps  
Saving linked images in HTML  
Creating Rollovers Web Visuals  
Rollover states and remote rollovers  
Saving the page as HTML  
Creating Animated GIF Images for the Web

12. 3-D Image Editing

13. Producing and Printing Consistent Color

Reproducing colors  
Color Management  
Color proofing  
Out-of-Gamut colors  
Color separations  
Printing

9. **Representative Instructional Methods** (Describe instructor-initiated teaching strategies that will assist students in meeting course objectives. Describe out-of-class assignments, required reading and writing assignments, and methods for teaching critical thinking skills. **If hours by arrangement are required, please indicate the additional instructional activity which will be provided during these hours, where the activity will take place, and how the activity will be supervised.**)

Lectures with supporting visuals and audio.  
Reading and practical textbook assignments to be completed and turned in.  
Instructor-designed projects and a student-designed project to be completed and turned in.

10. **Representative Methods of Evaluation** (Describe measurement of student progress toward course objectives. Courses with required writing component and/or problem-solving emphasis must reflect critical thinking component. If skills class, then applied skills.)

Letter grades are determined by analyzing the quality of execution, attention to detail, ability to follow directions, evidence of software competency and number and severity of errors on projects and assignments.

11. **Representative Text Materials** (With few exceptions, texts need to be current. Include publication dates.)

Adobe Photoshop CS5 Revealed; ISBN-13: 978-1-4354-4187-3, 2009

Prepared by: \_\_\_\_\_  
(Signature)

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Submission Date: \_\_\_\_\_