Course Outline

COURSE: DM 75  DIVISION: 50  ALSO LISTED AS: CSIS 75
TERM EFFECTIVE: Spring 2018  CURRICULUM APPROVAL DATE: 10/23/2017

SHORT TITLE: PHOTOSHOP I
LONG TITLE: Photoshop I - Adobe PhotoShop

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<th>Units</th>
<th>Number of Weeks</th>
<th>Lecture</th>
<th>Lab</th>
<th>Other</th>
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COURSE DESCRIPTION:

This is an entry level course in mastering Adobe's Photoshop software. Students will learn creative and fundamental processes in professional digital image editing. Hands on lessons provide students with skills to manage today's image libraries. Students will be introduced to Photoshop's Bridge and Camera Raw utilities while crafting state of the art compositions for print, video, animation and the web. There is a focus on basic tonal and color adaptations, digital painting, black and white conversion, special effects, and correction and restoration techniques. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 75. ADVISORY: Familiarity using the Macintosh or Windows operating system.

PREREQUISITES:

COREQUISITES:

CREDIT STATUS: D - Credit - Degree Applicable

GRADING MODES
L - Standard Letter Grade
P - Pass/No Pass

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:
02 - Lecture and/or discussion
05 - Hybrid
72 - Dist. Ed Internet Delayed

11/9/2017
STUDENT LEARNING OUTCOMES:

1. Demonstrate the use of layers to effectively manipulate an image; in terms of color, hue, tonal quality, exposure, and fixing imperfections; as needed.
   Measure of assessment: homework exercises, projects
   Year assessed, or planned year of assessment: 2016
   Semester: Fall

2. Create an image that incorporates multiple imported images, then adjust curves, levels, and hue/saturation values as well as painting on an image for hand coloring.
   Measure of assessment: homework exercises, projects, demonstrations
   Year assessed, or planned year of assessment: 2016
   Semester: Fall

3. Solve technical problems for resolution and file size to determine printing resolution for the best digital output, including retouching and repairing a scanned or digitally captured photograph.
   Measure of assessment: homework exercises, projects
   Year assessed, or planned year of assessment: 2016

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS

Curriculum Approval Date: 10/23/2017

4 HOURS

Topic #1: Getting to Know the Work Area:

Student Performance Objectives: Evaluate which tools to use to integrate and manipulate multiple images electronically.

4 HOURS

Topic #2: Basic Photo Corrections:

Student Performance Objectives: Describe and demonstrate digital photographic retouching, restoration.

4 HOURS

Topic #3: Working with Selections:

Student Performance Objectives: Determine the appropriate selection method that best fits the digital image to be altered and utilize that method.

4 HOURS

Topic #4: Layer Basics:

Student Performance Objectives: Describe and demonstrate the use of layers to effectively manipulate an image.

4 HOURS

Topic #5: Correcting and Enhancing Digital Photographs:
Student Performance Objectives: Describe and demonstrate digital photographic retouching, restoration and colorization techniques of black and white photographs.

4 HOURS

Topic #6: Masks and Channels:

Student Performance Objectives: Explain and demonstrate the process of masks and channels to alter or protect digital images.

4 HOURS

Topic #7: Typographic Design:

Student Performance Objectives: Describe and demonstrate uses of type as an element of graphic design.

4 HOURS

Topic #8: Vector Drawing Techniques:

Student Performance Objectives: Evaluate the appropriate software and techniques for creating bitmapped images and describe the basic differences and uses for raster and vector graphics.

5 HOURS

Topic #9: Advanced Layering:

Student Performance Objectives: Describe and demonstrate the use of layers to effectively manipulate an image.

5 HOURS

Topic #10: Advanced Compositing:

Student Performance Objectives: Evaluate which tools to use to integrate and manipulate multiple images electronically. Utilize those tools.

5 HOURS

Topic #11: Preparing Files for the Web:
Selecting a web design workspace. How to save a web or mobile format image. Using the Zoomify feature. Creating a web gallery.

Student Performance Objectives: Solve technical problems for scanning, resolution and file size to determine scanning and printing resolution for the best digital output.

5 HOURS

Topic #12: Producing and Printing Consistent Color:

Student Performance Objectives: Solve technical problems for scanning, resolution and color for the best print output.

2 HOURS

METHODS OF INSTRUCTION:
Lecture, demonstration, guided practice.
OUT OF CLASS ASSIGNMENTS:
Required Outside Hours: 26
Assignment Description: Review questions and answers from each topic presented.
Required Outside Hours: 78
Assignment Description: Homework, Problem Solving Demonstrations, Projects: Topic #1 - Search for resources on the web and list them to share with the class. Topic #2 - Retouch and repair a photo from existing files. Topic #3 - Create a new image from an existing file using these techniques. Topic #4 - Create a montage or collage from existing files. Topic #5 - Retouch and repair a photo from existing files. Colorize or tint the photograph. Topic #6 - Create adjustment layers and layer masks to solve the stated problems with existing files. Topic #7 - Create an image that effectively incorporates both text as a design element. Create and manipulate bit-mapped text. Topic #8 - Create an image that combines vector based text and images. Topic #9 - Create an image that includes imported artwork in perspective and multiple layers. Topic #10 - Create an image that incorporates multiple imported images. Adjust curves, levels, and hue/saturation values. Topic #11 - Prepare given images for use on the Web. Topic #12 - Prepare given images for scanning and printing.

METHODS OF EVALUATION:
Problem-solving assignments
Percent of total grade: 60.00%
Problem-solving demonstrations: 20% - 60% Homework exercises, Projects
Skill demonstrations
Percent of total grade: 30.00%
Skill demonstrations: 20% - 50% Demonstration exercises
Objective examinations
Percent of total grade: 0.00%
Objective examinations: 0% - 10% Multiple Choice, True/False, Completion
Other methods of evaluation
Percent of total grade: 10.00%
0% - 30% Student participation

REPRESENTATIVE TEXTBOOKS:
Required Representative Textbooks
Reading Level of Text, Grade: 12+ Verified by: Grzan

ARTICULATION and CERTIFICATE INFORMATION
Associate Degree:
GAV C1, effective 200630
CSU GE:
IGETC:
CSU TRANSFER:
Transferable CSU, effective 200630
UC TRANSFER:
Not Transferable

SUPPLEMENTAL DATA:
Basic Skills: N
Classification: Y
Noncredit Category: Y

11/9/2017
Cooperative Education:
Program Status: 1 Program Applicable
Special Class Status: N
CAN:
CAN Sequence:
CSU Crosswalk Course Department: DM
CSU Crosswalk Course Number: 75
Prior to College Level: Y
Non Credit Enhanced Funding: N
Funding Agency Code: Y
In-Service: N
Occupational Course: C
Maximum Hours:
Minimum Hours:
Course Control Number: CCC000016838
Sports/Physical Education Course: N
Taxonomy of Program: 061450