Course Outline

COURSE: DM 74    DIVISION: 50    ALSO LISTED AS: CSIS 74
TERM EFFECTIVE: Spring 2018    CURRICULUM APPROVAL DATE: 10/23/2017

SHORT TITLE: ADVANCED PHOTOSHOP
LONG TITLE: Advanced Photoshop

<table>
<thead>
<tr>
<th>Units</th>
<th>Number of Weeks</th>
<th>Contact Hours/Week</th>
<th>Total Contact Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>18</td>
<td>Lecture: 3</td>
<td>Lecture: 54</td>
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<td></td>
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<td></td>
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<td>Total: 3</td>
<td>Total: 54</td>
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COURSE DESCRIPTION:

This is an intermediate level course in mastering Adobe's Photoshop software. Students will learn advanced strategies in professional digital editing. Students will apply creative techniques for print, video, animation and the web. Students will develop skills in luminance, color and exposure to optimize images with adjustment layers and masks, and cutting-edge selection techniques. There will be a focus in post processing for landscape, portrait and panoramic imaging suited for the artist, photographer and design student. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 74. ADVISORY: DM/CSIS 75 Photoshop I.

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

STUDENT LEARNING OUTCOMES:

1/25/2018
1. Demonstrate the use of 20+ layers, including the advanced methods of blending modes, opacity and layer palette organization with folders.
   Measure of assessment: homework exercises, projects
   Year assessed, or planned year of assessment: 2018
   Semester: Spring

2. Create projects combining 10+ images into one photo composite for complex projects for portfolio sharecap, and color match all the images using Image Adjustment color techniques such as curves, levels, exposure and paint onto certain photographic layers.
   Measure of assessment: homework exercises, projects
   Year assessed, or planned year of assessment: 2018
   Semester: Spring

3. Demonstrate advanced extensive retouching of photographs using clone, patch on an advanced level for complex projects.
   Measure of assessment: homework exercises, demonstration, projects
   Year assessed, or planned year of assessment: 2018

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS
Curriculum Approval Date: 10/23/2017
9 HOURS
Topic: Up and Running with Photoshop
   Setting Preferences
   Customizing and Organizing the Work Area
   Changing the Image Orientation
   Knowing Your File Size
   Using Bridge or Lightroom to organize
   What Do You Do When You Mess Up?
   Where Do You Go for Help?
   Your Images: Copyright, Image Usage/Licensing
   Deciding Which Tasks Come First
   Cropping and Composition
   Straightening Crooked Scans
   Using Image Adjustments to enhance photos for greater aesthetic value
   Correcting Color Casts
   Tinting an Image through Painting
   Retouching to Eliminate or Diminish Dust, Scratches, and Electronic Noise
   Converting Color Images to Black-and-White through Image Effects
   Sharpening, Resizing, and Framing Your Image

Student Performance Objectives: Practice taking an image and improving it by using Photoshop improvement methods. Describe how to customize and organize the Work Area for maximum efficiency.

9 HOURS
Topic: Better Faces – Beauty Retouching
   What Comes First
   Intensifying and Changing Eyes – Sharpening, How much is too much?
   Working on Lips
   Whitening and Fixing Teeth – Dodge burn tools
   Selectively Reducing Wrinkles – Blur/Beauty blur with mash
   Diminishing and Straightening the Nose – Liquify tool
   Making People Glow
   Fixing Hair
Getting Rid of Glasses Glare

Topic: Special Effects
- Creating a Grainy 35mm Black-and-White Look
- Applying Lighting Effects
- Making Distorted Faces Normal

Topic: Better Outside Shots
- Intensifying the Sky
- Changing the Time of Day
- Shooting with the Midday Sun
- Adding Lighting Effects
- Enhancing images through color adjustments
- Removing Unwanted Objects – Retouching to remove undesirable elements
- Adding Selective Focus

Student Performance Objectives: Describe and demonstrate how to take mediocre off the camera photos of people and improve them with Photoshop. Describe and demonstrate how to take mediocre shots from outside and improve them with Photoshop.

9 HOURS

Topic: Better Product Shots
- Separating a Product from Its Background – Path/Masking
- Changing a Product's Color – Image Color Adjustment controls
- Changing a Product's Texture – Adding Filters
- Adding Motion Blur – Working with Filters in the blur gallery
- Changing Scale and Perspective – Transform distortions
- Improving the Background – Making fill Layers
- Adding Depth – Using Layer FX for drop shadows
- Creating Lighting Effects – Filters/Rendering Lighting Effects
- Adding a New Label – Using Type tools

Topic: Making Photo-Realistic Composites
- Adding Yourself (or Anyone) to a Group Shot – Path/Masking tools
- Swapping Kids – Head swaps with Masking advanced tools
- Expanding Your Image – Canvas size and cropping tools
- Seamlessly Pasting – Feathering image edges/feathering mask layer

Midterm Test and Projects

Student Performance Objectives: Describe and demonstrate how to take an image and add or remove people or objects to the image. Describe and demonstrate how to use product shots and improve them by use of background, color, texture and other Photoshop techniques.

9 HOURS

Topic: Better Real Estate Shots
- Straightening a Slanted Looking Building – Transform tools/Distortion
- Transforming a Kitchen
- Removing a Construction Sign – Clone/Patch/Image Repair Retouch
- Smart-Blurring a Background – Using the Blur Gallery
- Balancing the Light – Setting White balance in Camera Raw
- Removing Wires – Clone, Patch, Retouching tools

Topic: Creating Panoramics with Photomerge
- Photomerge Dos and Don'ts – Merging 4 scenic layers into one file
- Creating a Priceless View
- Creating an Interior Panoramic
- Creating an Epic Panoramic
Making Handheld Panoramics
Making Vertical Panoramics
Showing Baseball's Big Picture
Photomerging a Collage

Student Performance Objectives: Describe and demonstrate how to take real estate images and improve the images. Describe and demonstrate how to use Photomerge to modify interior and exterior views.

9 HOURS

Topic: Taking Type Further – Using text tools/text warp/opacity
  Adding a Photo Credit
  Making Headline Type
  Making Type More Readable
  Using Shape Tools to Accent Type
  Warping Type
  Filling Type with an Image – Clipping mask, Pasting photo into a type mask
  Adding Effects to Type
  Applying Liquify to Type

Topic: Working with the Web in Mind
  Choosing GIF or JPEG – file formats
  Making GIFs
  Building Web Page Backgrounds – tiled images/repeating patterns
  Creating Navigational Graphics - buttons
  Creating Web Type
  Making a Web Photo Gallery - exporting

Student Performance Objectives: Describe and demonstrate how to prepare images with different type enhancements. Describe and demonstrate how to prepare images, pictures, and graphics for Web pages.

6 HOURS

Topic: Making Great JPEGs
  Understanding the JPEG Format
  Saving JPEGs for print vs. social media
  JPEGing Specifically for E-mail Transmission
  Optimizing a Digital Image for JPEG Compression
  Converting GIFs to JPEGs

Topic: Sharing and Processing Images
  Using Desktop Printers
  Using Online Photography Services
  Using Picture Package
  Using Batch Processing
  Creating PDF Slide Shows for PCs and PDAs

Student Performance Objectives: Describe and demonstrate how to prepare images for JPEG format, and convert GIFs to JPEGs. Describe and demonstrate how to share and process images from printing and batch processing.

2 HOURS

METHODS OF INSTRUCTION:
Lecture, demonstration, guided practice.

OUT OF CLASS ASSIGNMENTS:
Required Outside Hours: 18
Assignment Description: Read chapters covered in the lecture and work through the sample projects in the chapter. Do homework exercises at the end of each chapter, such as: Using cropping, correcting color, tinting, and eliminating blemishes to improve images.

Required Outside Hours: 18

Assignment Description: Read chapters covered in the lecture and work through the sample projects in the chapter. Do homework exercises at the end of each chapter, such as: Using images of people improve and correct those images. Using images of outside shots improve and correct those images.

Required Outside Hours: 18

Assignment Description: Read chapters covered in the lecture and work through the sample projects in the chapter. Do homework exercises at the end of each chapter, such as: Use product shots and improve them by use of background, color, texture and other Photoshop techniques. Take an image and add or remove people or objects to the image.

Required Outside Hours: 18

Assignment Description: Read chapters covered in the lecture and work through the sample projects in the chapter. Do homework exercises at the end of each chapter, such as: Using real estate shots improve the images, straightening buildings, transform a kitchen, and modify backgrounds. Use Photomerge to modify interior and exterior views.

Required Outside Hours: 18

Assignment Description: Read chapters covered in the lecture and work through the sample projects in the chapter. Do homework exercises at the end of each chapter, such as: Take an image and add type including photo credit, headline type, shape tools, and other type effects. Prepare images for web pages, including different file types, graphics, and photos.

Required Outside Hours: 12

Assignment Description: Read chapters covered in the lecture and work through the sample projects in the chapter. Do homework exercises at the end of each chapter, such as: Prepare images with JPEG format and e-mail them as attachments. Prepare images for printing, photography services and batch processing.

METHODS OF EVALUATION:

Writing assignments
Percent of total grade: 0.00 %
Writing assignments: 0% - 0% This is a degree-applicable course, but substantial writing assignments are NOT appropriate, because the course primarily: Involves skill demonstrations or problem solving

Problem-solving assignments
Percent of total grade: 40.00 %
Problem-solving demonstrations: 30% - 50% Homework Exercises

Skill demonstrations
Percent of total grade: 50.00 %
Skill demonstrations: 40% - 70% Complete Sample Projects, Portfolio

Objective examinations
Percent of total grade: 10.00 %
Objective examinations: 0% - 20% Multiple Choice, True/False, Matching Items, Completion

REPRESENTATIVE TEXTBOOKS:

Required Representative Textbooks

Reading Level of Text, Grade: 12 Verified by: MS Word

ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:
GAV C1, effective 200530

CSU GE:
IGETC:
CSU TRANSFER:
  Transferable CSU, effective 200530
UC TRANSFER:
  Not Transferable

SUPPLEMENTAL DATA:
Basic Skills: N
Classification: Y
Noncredit Category: Y
Cooperative Education:
Program Status: 1 Program Applicable
Special Class Status: N
CAN:
CAN Sequence:
CSU Crosswalk Course Department: DM
CSU Crosswalk Course Number: 74
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: CCC000107116
Sports/Physical Education Course: N
Taxonomy of Program: 061450