Course Outline

COURSE: ART 75       DIVISION: 10       ALSO LISTED AS:

TERM EFFECTIVE: Spring 2014       Inactive Course

SHORT TITLE: PHOTOSHOP I

LONG TITLE: Photoshop I - Adobe PhotoShop

<table>
<thead>
<tr>
<th>Units</th>
<th>Number of Weeks</th>
<th>Type</th>
<th>Contact Hours/Week</th>
<th>Total Contact Hours</th>
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<td>Lecture</td>
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<td>Total</td>
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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. ADVISORY: CSIS 124 (Windows Fundamentals), CSIS 2L

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. Student will retouch and repair a scanned photograph.
   Measure: Homework, projects, critique
   PLO: 1
   ILO: 2, 5, 7
   GE-LO: B8, C1
   Year assessed or anticipated year of assessment: 2010-2011

2. Student will demonstrate the use of layers to effectively manipulate an image.
   Measure: Homework, projects
   PLO: 1
   ILO: 2, 7
   GE-LO: C1, C2
   Year assessed or anticipated year of assessment: 2010-2011

3. Student will create an image that incorporates multiple imported images, then adjust curves, levels, and hue/saturation values.
   Measure: Homework, projects, critiques
   PLO: 1, 2
   ILO: 2, 5, 7
   GE-LO: B8, C1
   Year assessed or anticipated year of assessment: 2010-2011

4. Student will solve technical problems for scanning, resolution and file size to determine scanning and printing resolution for the best digital output.
   Measure: Homework, projects
   PLO: 1, 2
   ILO: 2, 7
   GE-LO: C1
   Year assessed or anticipated year of assessment: 2010-2011

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS
Inactive Course: 04/22/2013
4 HOURS
Topic: Getting to know the Work Area
Objective: Evaluate which tools to use to integrate and manipulate multiple images electronically.
   Starting to work in Adobe Photoshop
   Using the tools
   Using the options bar and other panels
   Undoing actions in Photoshop
   Customizing the workspace
   Finding resources for using Photoshop
   Checking for updates
   Tools panel overview
Out of class assignment: Review questions and answers  Search for resources on web and list them to share with the class.
4 HOURS
Topic: Basic Photo Corrections

Objective: Demonstrate digital photographic retouching, restoration.
  Strategy for retouching
  Resolution and image size
  Getting started
  Adjusting the color in Camera Raw
  Straightening and cropping the Image in Photoshop
  Replacing Colors in an image
  Adjusting saturation with the Sponge tool
  Repairing areas with the Clone Stamp tool
  Using the Spot Healing Brush tool
  Using content-aware fill
  Applying the Unsharp Mask filter
  Saving the image for four-color printing

Out of class assignment: Review questions and answers. Retouch and repair a photo from existing files.

4 HOURS

Topic: Working with selections

Objective: Determine the appropriate selection method that best fits the digital image to be altered.
  About selecting and selection tools
  Using the Quick Selection tool
  Moving a selected area
  Manipulating selections
  Using the Magic Wand tool
  Selecting with the lasso tools
  Rotating a selection
  Selecting with the Magnetic Lasso tool
  Cropping and image and erasing within a selection
  Refining the edge of a selection

Out of class assignment: Review questions and answers. Create a new image from an existing file using these techniques.

4 HOURS

Topic: Layer Basics

Objective: Demonstrate the use of layers to effectively manipulate an image.
  About layers Getting started
  Using the Layers Panel
  Rearranging layers
  Applying a gradient to a layer
  Applying a layer style
  Flattening and saving files

Out of class assignment: Review questions and answers. Create a montage or collage from existing files.

4 HOURS

Topic: Correcting and enhancing digital photographs

Objective: Demonstrate digital photographic retouching, restoration and colorization techniques of black and white photographs.
  About camera raw files
  Processing files in Camera Raw
  Merging exposures and applying advanced color correction
  Correcting digital photographs in Photoshop
Correcting image distortion
Adding depth of field
Out of class assignment: Review questions and answers Retouch and repair a photo from existing files. Colorize or tint the photograph
4 HOURS

Topic: Masks and Channels
Objective: Explain the process of masks and channels to alter or protect digital images.
   Working with masks and channels
   Getting started Creating a mask
   Refining a mask
   Creating a quick mask
   Manipulating and image with Puppet Warp
   Working with channels
Out of class assignment: Review questions and answers. Create adjustment layers and layer masks to solve the stated problems with existing files.
4 HOURS

Topic: Typographic design
Objective: Describe uses of type as an element of graphic design.
   About type
   Getting started
   Creating a clipping mask from type
   Creating type on a path
   Warping image type
   Designing paragraphs of type
Out of class assignment: Review questions and answers Create an image that effectively incorporates both text as an a design element. Create and manipulate bit-mapped text.
4 HOURS

Topic: Vector Drawing techniques
Objective: Evaluate the appropriate software and techniques for creating bitmapped images and understand the basic differences and uses for raster and vector graphics.
   About paths and the Pen tool
   Using paths with artwork
   Creating vector objects for the background
   Working with defined custom shapes
Out of class assignment: Review questions and answers Create an image that combines vector based text and images.
5 HOURS

Topic: Advanced Layering
Objective: Demonstrate the use of layers to effectively manipulate an image.
   Clipping a layer to a shape
   Setting up a Vanishing Point grid
   Creating your own keyboard shortcuts
   Placing imported artwork
   Adding artwork in perspective
   Adding a layer style
   Placing the side panel artwork
   Adding more artwork in perspective
   Adding an adjustment layer
   Working with layer comps
Managing layers
Flattening a layered image
Merging layers and layer groups
Stamping layers

Out of class assignment: Review questions and answers. Create an image that includes imported artwork in perspective and multiple layers.

5 HOURS

Topic: Advanced Compositing
Objective: Evaluate which tools to use to integrate and manipulate multiple images electronically.
   Assembling a montage of images
   Applying filters
   Hand-coloring selections on a layer
   Applying Smart Filters
   Adding drop shadows and a border
   Matching color schemes across images
   Automating a multistep task
   Stitching a panorama

Out of class assignment: Review questions and answers. Create an image that incorporates multiple imported images. Adjust curves, levels, and hue/saturation values.

5 HOURS

Topic: Preparing files for the web
Objective: Solve technical problems for scanning, resolution and file size to determine scanning and printing resolution for the best digital output.
   Selecting a web design workspace
   Creating slices
   Exporting HTML and images
   Using the Zoomify feature
   Creating a web gallery

Out of class assignment: Review questions and answers. Prepare given images for use on the Web.

5 HOURS

Topic: Producing and Printing Consistent color
Objective: Solve technical problems for scanning, resolution and color for the best print output.
   About color management
   Specifying Color-management settings
   Proofing an image
   Identifying out-of-gamut colors
   Adjusting an image and printing a proof
   Saving the image as a CMYK EPS file
   Printing

Out of class assignment: Review questions and answers. Prepare given images for scanning and printing.

2 HOURS: FINAL

METHODS OF INSTRUCTION: Lecture, slide and digital projection, computer demonstration, hands-on exercises and practices.

METHODS OF EVALUATION:
The types of writing assignments required:
Written homework
Lab reports
The problem-solving assignments required:
Homework problems
Lab reports
Exams
The types of skill demonstrations required:
Class performance
Performance exams
The types of objective examinations used in the course:
Multiple choice
True/false
Completion
Other category:
None
The basis for assigning students grades in the course:
Writing assignments: 20% - 50%
Problem-solving demonstrations: 20% - 50%

REPRESENTATIVE TEXTBOOKS:
Required:
Adobe Creative Team, Adobe Photoshop CS6 Classroom in a Book, Adobe, 2012, or other appropriate college level text.
Reading level of text, Grade: 12+ Verified by: Grzan
Other textbooks or materials to be purchased by the student: Flash drive

ARTICULATION and CERTIFICATE INFORMATION
Associate Degree:
GAV C1, effective 199930
CSU GE:
IGETC:
CSU TRANSFER:
Transferable CSU, effective 199930
UC TRANSFER:
Not Transferable

SUPPLEMENTAL DATA:
Basic Skills: N
Classification: I
Noncredit Category: Y
Cooperative Education:
Program Status: 1 Program Applicable
Special Class Status: N
CAN:
CAN Sequence:
CSU Crosswalk Course Department: ART
CSU Crosswalk Course Number: 75
Prior to College Level: Y
Non Credit Enhanced Funding: N
Funding Agency Code: Y
In-Service: N
Occupational Course: D
Maximum Hours:
Minimum Hours:
Course Control Number: CCC000298618
Sports/Physical Education Course: N
Taxonomy of Program: 051400