SAN JUAN COLLEGE
Success Matters

DMAD 180-001- IMAGE EDITING II 3 CREDITS

SYLLABUS

CATALOG DESCRIPTION

A general introduction to digital image editing using Adobe Photoshop. This course introduces the workspace and focuses on the program's tools for image editing, retouching and restoration. Students will begin to work with selection tools, layers and basic image compositing. Projects in this class will be optimized for print, web and video distribution

Prerequisites: MATH 095/APAL 061, ENGL 099/APEN 070, and RDNG 095/APRD 039

Semester Offered: Fall/Spring

Common Student Learning Outcomes
Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in…

BROAD AND SPECIALIZED LEARNING
Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

CRITICAL THINKING
Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

CULTURAL AND CIVIC ENGAGEMENT
Students will act purposefully, reflectively, and ethically in diverse and complex environments.

EFFECTIVE COMMUNICATION
Students will exchange ideas and information with clarity in multiple contexts.

INFORMATION LITERACY
Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

INTEGRATING TECHNOLOGIES
Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

Course Learning Outcomes

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

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I) Create a general foundation in digital image editing technology.
II) Demonstrate knowledge of image file formats for web, video, and print distribution.
III) Navigate digital image editing software and customize user interface to increase productivity.

IV) Demonstrate use of the appropriate tools and techniques for intermediate level digital image editing.
V) Develop and apply knowledge of typography to create compositions that effectively communicate visual messages.
VI) Demonstrate application of layer techniques and management in digitally modified compositions.

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

This course will introduce the following in Adobe Photoshop:

Overview
* Navigating the default workspace (L, T, I, A), (II, III)
* Use of grids and guides (L, T, I), (II, III)
* Techniques to customize the workspace for efficiency (L, T, I), (I, II)
* The tool box and how to use keyboard shortcuts (L, T, I, A), (I, II)
* The difference between RGB, CMYK, and index colors (L, T, I), (I, II)
* The difference between bitmap and vector images (L, T, I), (I, II)
* How to digitize an image using a scanner (L, I, A), (I, II)
* How to calculate the proper resolution for a scan (L, T, I, A), (I, II)
* How to import images from cameras (L, T, I, A), (I, III)
* How to use the Adobe Bridge (L, T, I, A), (II, III)
* How to use palettes (color, brushes, options, layers, paths, navigator, info, and actions) (L, T, I, A), (II, III)
Image Basics:
* Change image resolution (L, T, I, A), (II, III)
* Change image size for output (L, T, I, A), (II, III)
* Change canvass size (L, T, I, A), (II, III)
* Flip, rotate and crop images (L, T, I, A), (II, III)
* Save new and existing images (L, T, I, A), (II, III)
* Change display using zoom tool (L, T, I, A), (II, III)
* Cascade view into two windows (L, T, I, A), (II, III)
Digital Retouching:
* Basic photograph corrections (L, T, I, A), (III)
* Adjusting tonal range (L, T, I, A), (III)
* Replace colors in an image (L, T, I, A), (III)
* Selecting a color range (L, T, I, A), (III)
* Retouching and repairing images (L, T, I, A), (III)
Selection Tools
* Working with selections (L, T, I, A), (I, II, III)
* Using the Magic Wand, Marquee, and Lasso tools (L, T, I, A), (I, III)
* Rotating selections (L, T, I, A), (I, III)
* Applying effects to the selected areas (L, T, I, A), (I, III)
Layers
* Layer basics (L, T, I, A), (I, II, III)
* Changing backgrounds into layers (L, T, I, A), (I, III)
* Creating layer sets to manage work on large projects (L, T, I, A), (I, III)
* Using the layers palette (L, T, I, A), (I, III)
* Applying layer styles (L, T, I, A), (I, III)
* Link, lock, and hide layers (L, T, I, A), (I, III)
* Flattening and saving files (L, T, I, A), (I, III)
* Create a clipping group of layers (L, T, I, A), (I, III)
Masks and channels
* Overview of masks and channels (L, T, I, A), (I, II, III)
* Creating a quick mask (L, T, I, A), (I, III)
* Editing a quick mask (L, T, I, A), (I, III)
* Saving a selection as a mask (L, T, I, A), (I, III)

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* Explain alpha channels and transparency (L, T, I, A), (I, III)
* Use add, subtract, and intersect operations by using shortcuts on the channel palette (L, T, I, A), (I, II, III)
Camera RAW format (L, T, I, A), (I, III)
Typography
* Explain the fundamentals of type (L, T, C), (I, II)
* Create design elements from type (L, T, C), (I, II)

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