

## Computer Information Department Course Outline

### CISM 1223 PHOTOSHOP (F, S)

#### ***Catalog Description***

An introduction to the creation and editing of graphic images using Adobe Photoshop with emphasis placed on graphics for the web. Students will learn basic Photoshop tools and palettes and explore how to use different techniques to create and modify graphics. This course will not count toward the AAS in Graphic Design degree. (Outside lab time will be required.)

#### ***Credit Hours/Contact Hours/Load Hours***

3/3/3

#### ***Target Audience/Transferability***

The target audience includes, but is not necessarily limited to, the following:

- Students pursuing a career in Web Technologies
- Students who wish to enhance their understanding of graphic editing software
- Community members or professionals who wish to expand their understanding of graphic editing with Adobe Photoshop

#### ***Student Learning Outcomes***

Upon completion of the course, a student will:

- Create and modify photographs and graphic images by combining images from multiple sources to form a composite image through the use of layers.
- Selecting portions of an image using Marquee tools, Lasso tools, Magic Wand tools, and the Extract function.
- Placing and modifying type (text) in graphic images to communicate a message and enhance visual appeal.
- Creating special effects using filters.
- Applying layer masks to modify an image.
- Re-touching an image using cloning tools, spot healing, and patch tools.
- Optimize images for use on the web.
- Applying color theory to enhance an image by adjusting hue and saturation, levels, curves, and color channels.

#### ***Topics***

- The Photoshop Palettes Environment
- Working with Layers
- Making Selections

- Incorporating Color Techniques
- Placing Type in an Image
- Using Painting Tools
- Working with Special Layer Functions
- Creating Special Effects with Filters
- Adjusting Colors
- Using Clipping Groups, Paths, and Shapes
- Transforming Type
- Liquifying an Image
- Creating Web Documents

## ***Forms of Assessment***

Quizzes, homework assignments, and a comprehensive final project will be required, which accounts for 20-25% of the final grade.

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