

Department:

Art

Course Description:

This course provides experience in the use of high-tech enhanced photography software. Course projects will incorporate use of Macintosh computers and Adobe PhotoShop software for digital imaging and manipulation as well as image editing, scanning, and printing.

Course Competencies:

Upon completion of the course, the student should be able to:

1. Use the PhotoShop tool palettes.
2. Paint, edit, and apply effects to images.
3. Create masks and make selections.
4. Use layers to create composite images.
5. Complete the design, layout, and composition of various projects using PhotoShop.
6. Solve design projects in a creative, personal, and unique manner.
7. Import and export images between PhotoShop and other applications.
8. Research and use information from technical sources to complete design projects.

Course Content:

- A. Basic Concepts of Adobe PhotoShop.
 1. Using the toolbox, mode controls, color controls, and palettes
 2. Color basics
 - a. RGB (additive colors)
 - b. CMYK (subtractive color)
 3. Scanning, importing, and exporting images
 - a. Resolution (image, monitor, pixel depth, screen frequency, output)
 - b. Determining scan resolution
 - c. Exporting a clipping path
 - d. File types
- B. Making and Working with Selections
 1. Using the marquee tool, the lasso tool, and the magic wand tool
 2. Using the pen tool
 3. Selecting colors using the eyedropper tool, the color palette, and the color picker
 4. Creating and converting selections into paths
- C. Working with Layers

1. Adding layers
 2. Editing layers
 3. Merging layers
- D. Working with Channels and Masks
1. Using quick mask mode
 2. Creating new channels
- E. Manipulating Images
1. Rotating and flipping images
 2. Blending images
 3. Using filters

Learning Assessments:

Course competencies will be assessed by use of project evaluations and exams.

Instructional Materials:

Adobe PhotoShop User Guide, current Macintosh computer hardware and operating system, scanners, digital cameras, Adobe graphic software, Wacom graphics tablets.

Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.

Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.

In order to begin the process all students **must** complete the "Disabilities Self-Identification Form" on our [Disability Services website](#).

This form can also be accessed at the Highland Community College homepage under Students Services/Student Resources/Disability Service or by contacting the Disabilities Coordinator.

A Note on Harassment, Discrimination and Sexual Misconduct

Highland Community College seeks to assure all community members learn and work in a welcoming and inclusive environment. Title VII, Title IX, and College policy prohibit harassment, discrimination and sexual misconduct. Highland Community College encourages anyone experiencing harassment, discrimination or sexual misconduct to talk to report to the Vice President for Student Services, the Human Resources Director or complete an [online report](#) about what happened so that they can get the support they need and Highland Community College can respond appropriately.

There are both confidential and non-confidential resources and reporting options available to you. Highland Community College is legally obligated to respond to reports of sexual misconduct, and therefore we cannot guarantee the confidentiality of a report, unless made to a confidential resource. Responses may vary from support services to formal investigations. As a faculty member, I am required to report incidents of sexual misconduct and thus cannot guarantee confidentiality. I must provide our Title IX coordinator with relevant details such as the names of those involved in the incident. For more information about policies and resources or reporting options, please review our [Equity Grievance Policy](#).



Syllabus

A 224 Computer Graphics Enhanced Photography

3 Credit Hours (Lecture)

Prerequisites: None

Revision Date: 11/18/2013