

COCONINO COMMUNITY COLLEGE

COURSE OUTLINE

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Status: Permanent

Date: November 8, 2001
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A. Identification:

1. Subject Area: ART
2. Course Number: ART 135
3. Course Title: Adobe Photoshop
4. Credit Hrs: 3
5. Catalog Description: Introduction to Adobe Photoshop software, its variety of tools and basic techniques for working with them. Includes practice with basic scanning and printing devices and techniques. One lecture, one lab. Prerequisites: CIS 120 or consent of instructor. Three lecture. May be taken for SU credit.

B. Course Goals:

The goal of ART135 is to introduce students to the basic tools and operations of Adobe Photoshop and bitmap editors in general. Students can expect to be able to develop skills in editing digital image characteristics, working with layers and masks, and working with composite images. They will also learn basic techniques for image scanning, and printing techniques.

C. Course Outcomes:

Students will:

1. Describe the advantages of various basic bitmap file formats and their appropriate applications
2. Describe and demonstrate the relationship between image resolution, image size, color depth, and file size.
3. Demonstrate how to edit basic image characteristics such as color, light and dark levels and contrast, and color saturation.
4. Describe the advantage of working with layers and demonstrate how to use them in working with images.
5. Create and use masks for a variety of image editing functions.
6. Work with type in Photoshop
7. Import an image from a scanner or other digital source
8. Use basic filters to enhance image qualities
9. Combine multiple images into a single composite image
10. Demonstrate basic printing techniques with ink jet and laser printers

D. Course Content:

Will include:

1. Overview of types and functions of bitmap image files

2. Overview of Photoshop menus and tools
3. Graphics file characteristics: image resolution, image size, color depth
4. Editing basic image characteristics: Color balance, light and dark levels and contrast, color saturation
5. Basic filters such as Unsharp mask, blur, etc.
6. Creating and working with masks
7. Working with layers
8. Working with type in Photoshop
9. Importing digital images and basic scanner operations
10. Creating composite images from multiple sources
11. Basic printing techniques