



## ACOM 2451

**Division:** Career and Technical Education

**Department:** Art and Graphic Communications

**Course:** ACOM 2451

**Title:** Electronic Image Processing

**Catalog Description:**

This course covers the basics of generating and manipulating computer images. It teaches techniques used with Adobe Photoshop. It includes scanning, file format conversion, color correction, resolution and printing consideration, digital photo retouching, compositing, image montages, and creating stylized artwork from scanned photos.

**General Education Requirements:** N/A

**Semesters Offered:** TBA

**Credit/Time Requirement:** Credit: 3; Lecture: 2; Lab: 3

**Clock/Hour Requirements:** 75

**Offered for Non-Credit:** No

**Prerequisites:** ACOM 2421

**Corequisites:** None

**Justification:**

This course is approved by the program advisory committee. Similar courses are taught at UVSC (AVC 2450) and CEU (ART 2610).

**Student Learning Outcomes:**

Upon successful completion of this course, students will be able to:

- understand the equipment and software necessary to produce artwork for reproduction using Photoshop
- use the computer for generating and manipulating electronic images
- develop a terminology of the industry
- understand the ideals for a quality work ethic.

**Content:**

Course objectives will be accomplished by providing students with learning experience in the following areas:

- equipment and safety
- mechanical objects
- landscapes
- wedding vignettes
- colored portrait retouching
- black and white retouching
- adding object
- deleting object
- image montage.

### **General Education Outcomes:**

4) Retrieve, evaluate, interpret, and deliver information through a variety of traditional and electronic media.

Students will locate and evaluate materials from a variety of media. Artistic styles and methods are found in a variety of locations, and students must utilize various methods of research in order to effectively gather information.

6) Apply computational skills to a variety of contexts.

Measurement of materials and content is required in most media. The concepts of proportion, scale, and the application of these concepts are required for effective performance in the graphic communications field.

9) Respond with informed sensitivity to an artistic work or experience.

Graphic communications students must become familiar with the standards, styles, and forms in a variety of media. This familiarity will allow them to make informed judgments and critiques regarding their own work and that of other artists.

### **Key Performance Indicators:**

#### **In class:**

- Grades will be determined by quizzes (10%), tests (10%), assignments (60%), and work ethics (20%).

#### **Following class:**

- Upon completion of this course, students will demonstrate success in subsequent courses and on customer projects.

### **Representative Text and/or Supplies:**

- *Adobe Classroom in a Book*, current edition, Adobe Press.
- Instructional materials as directed by instructor

**Optimum Class Size: 15**  
**Maximum Class Size: 25**

**Signatures:**

I hereby submit this course syllabus:

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Jim Puzey, ,

I hereby find this course consistent with the goals and resources of the Art and Graphic Communications Department:

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, , , Chair

I hereby find this course consistent with the goals and resources of the Career and Technical Education Division:

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Michael P. Medley, MBA, Assistant Professor, Dean

I have discussed the need for library resources related to this class with the person submitting the syllabus:

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Lynn Anderson, MLIS, Technical Services Librarian (Main Campus)

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Michelle Olsen, MLS, Campus Librarian (Richfield Campus)