

## Department:

Art

## Course Description:

This course provides an introduction to computer hardware, software, and peripherals commonly used by graphic designers and professional artists. Students will complete projects using graphic design software.

## Course Competencies:

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

1. Use basic functions of graphic design software applications.
2. Import and export images between graphic design software applications.
3. Design, lay out, compose, and complete projects using graphic design software applications.
4. Conduct research and use necessary information from technical text to complete graphic design projects.

## Course Content:

- A. Basic Concepts of Graphic Design Software Applications
  1. Using Graphic Programs
  2. Color Basics
- B. Exploring Vector Oriented Graphic Software
  1. Differentiate Between Raster and Vector Graphics
  2. Create a Document
  3. Draw Basic Shapes
  4. Save a Document
  5. Draw Paths
  6. Modify Paths
  7. Use Text
  8. Manipulate Objects
- C. Exploring Raster Oriented Graphic Software
  1. Scan, Import, and Export Images
  2. Image Resolution
  3. Create Selections
  4. Save a Selection
  5. Modify a Selection
  6. Create Layers
  7. Work with Type Layers
  8. Transform Layers

9. Apply Layer Styles
  10. Manage Layers
  11. Paint on an Image
  12. Apply Filter Effects
  13. Explore Grayscale and Bitmap Modes
  14. Explore Color Modes
  15. Save Images for Print
  16. Save Images for the Web
  17. Save Images as a PDF
- D. Exploring Graphics-Intensive Print Documents
1. Work with Typography, Including Tracking and Kerning
  2. Place, Manage, and Edit Linked Graphics
  3. Adjust the Viewing Quality of a Document
  4. Learn Workflow Tips for Placing Graphics
  5. Arrange Elements Within the Document

### Learning Assessments:

Course competencies will be assessed by evaluation of completed projects and exams.

### Instructional Materials:

Current Graphic Design Applications, Macintosh Computers, Graphic Design User Guides.

#### **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" at this link:  
<https://highlandcc.edu/pages/disability-services>.

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.