

# **COURSE OUTLINE**

## **ARTT-146 Digital Photography I 3 Semester Hours**

### **HOWARD COMMUNITY COLLEGE**

#### **Description**

In this course, students will gain a working knowledge of digital image creation and production, beginning with traditional photographic and art concepts. Students will learn the basics of operating a digital camera, scanning, selection tools, painting and editing tools, color correction, special effects, print options, and more in a computer lab, the digital “darkroom.” With an emphasis on content as well as craft, students will learn to design, retouch, and composite images for visual communication and self-expression. Experience with basic software applications is highly recommended. Prerequisite: ARTT-101. (4 hours weekly)

#### **Overall Course Objectives**

Upon completion of this course, the student will be able to:

1. Define and apply the specialized vocabulary used in digital photography.
2. Describe the various types of digital cameras and other image capturing devices; types of electronic outputting; storage and filing systems; and image editing software.
3. Operate various types of digital cameras.
4. Identify and manipulate the basic tools of image editing programs.
5. Apply the general principles and techniques of conventional photography to digital photography.
6. Apply the elements of lighting, composition, and design to transform existing images and to create new ones.
7. Develop customized documentation that focuses on areas and techniques of special interest.
8. Synthesize images that take advantage of the unique technical, conceptual and expressive possibilities of digital imagery.
9. Analyze, orally and in writing, the effectiveness of digital images in terms of composition, originality, artistic vision, craftsmanship, and emotional/intellectual interest.
10. Analyze the extent to which important ethical issues inherent in digital image making—including questions of copyright and appropriation—will impact his or her artistic production.
11. Demonstrate mastery of digital photography techniques through a printed and digital final portfolio of works.

## **Major Topics**

- I. Comparison of traditional and digital photography
- II. Photographic exposure and elements of composition and design
- III. Computer hardware and Windows operating systems
- IV. Overview of image editing software
- V. Basic photo editing tools
- VI. Digital color
- VII. Image file formats
- VIII. Resolution and pixels
- IX. Scanning techniques
- X. Outputting to printers and other devices
- XI. Artistic vision and emotional/intellectual content
- XII. Ethical issues: copyright, appropriation, originality

## **Course Requirements**

Grading/exams: Actual grading procedures will be determined by the individual faculty member but will include a final portfolio review.

Writing: Specific writing assignments will be determined by the individual faculty member.

## **Other Course Information**

This course meets the college definition for: Fine Arts.

This course may be used as an Art or Photography elective in the Art transfer pattern or the Photography transfer pattern. It may also be used as a Fine Arts elective, a Humanities elective, or a General elective. It may not be used to satisfy the core requirements for Fine Arts or Humanities.