

COURSE OUTLINE

ARTT-158

Digital Imaging, Vector Program

3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

Using an industry standard vector-based program, students will focus on the use of the computer as a creative tool for visual communication. Using this vector-based graphic image production and editing software program, the student will gain a working knowledge of image design, creation and transformation, color selection, special effects, prepress preparation, print options and more. With an emphasis on the commercial application of technical skill and craft, students will learn to design and composite images for effective visual communication and artistic self-expression. In addition to exploring the possibilities and limitations of digital media, students will also explore the legal and ethical issues that digital image creation presents. Basic computer literacy is required. Prerequisite: ARTT-112. (4 hours weekly)

Overall Course Objectives

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

1. Achieve competence with the available computer software for the creation of computer images.
2. Become aware of the immense possibilities that the computer brings to effective visual communication.
3. Create images that take advantage of the unique technical, conceptual and expressive possibilities of digital imagery.
4. Apply the elements of lighting, composition, and design to transform existing images and to create new ones.
5. Analyze the effectiveness of digital images in terms of composition, originality, artistic vision, craftsmanship, emotional/intellectual interest and commercial value.
6. 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.
7. Define and apply the specialized vocabulary used in computer graphics.
8. Demonstrate mastery of digital image creation techniques through a printed and/or digital final portfolio of works.

Major Topics

- I. Digital Image Creation and Production with Vector-Based Programs
- II. Tools, Techniques, Color Selection and Correction, Special Effects and Print Options (Exporting and Importing) with Vector-Based Programs
- III. Elements of Image Design and Effective Visual Communication
- IV. Ethics and Copyright Issues
- V. Preparing the Electronic and/or Print Portfolio

Course Requirements

Grading/exams: Grading procedures will be determined by the individual faculty member teaching the class and will include a final portfolio review of work produced during the semester.

Other Course Information

This course is a Humanities elective and an Arts and Sciences elective. Regular attendance is required for mastery of course objectives.