

CUMBERLAND COUNTY COLLEGE

Course: CG 101 Introduction to Computer Graphics

Credits: 3

Prerequisites

None

Description

This course introduces students to the tools of the computer design trade. The students will learn how to manage software, hardware, fonts, printers, memory and storage in a Macintosh work environment. The students will be introduced to the software Adobe Photoshop and Illustrator and provide a comprehensive foundation for further studies in graphic design.

Learning Outcomes

At the completion of this course, students should be able to:

- Apply art elements and design principles to their work.
- Apply virtual tools in each software program.
- Operate the scanner, printer and digital camera.
- Define basic vocabulary associated with graphic design.
- Demonstrate the ability of using Adobe Photoshop and Illustrator
- Create graphic designs using problem solving skills, creative thinking and experimentation.

Topical Outline

- Introduction to the MAC Environment
- Graphic Applications and their uses
- Graphic Color Modes
- Graphic File Extensions
- Introduction to Photoshop tools
- Paint program
- DPI and screen resolution
- Filters effects and layers
- Scanning images
- Balance in Design
- More advanced Photoshop tools
- Introduction to Illustrator
- Understanding Illustrator applications
- Vector versus Rastor
- Layers in Illustrator
- Using Gradients and Blends
- Typography basics

- Working with type in Illustrator

Required Texts and Other Materials

Graphic Design Solutions by Landa, Robin, 5th edition: Cengage.

Student Assessment

The student's performance will be based on a portfolio containing the following components: Attendance and Class Projects, Homework Projects, Final Project.

Academic Integrity

Plagiarism is cheating. Plagiarism is presenting in written work, in public speaking, and in oral reports the ideas or exact words of someone else without proper documentation. Whether the act of plagiarism is deliberate or accidental [ignorance of the proper rules for handling material is no excuse], plagiarism is, indeed, a “criminal” offense. As such, a plagiarized paper or report automatically receives a grade of **ZERO** and the student may receive a grade of **F** for the semester at the discretion of the instructor.

Available Resources

If you are having difficulty with work in this class, tutoring is available through the Success Center. If you think that you might have a learning disability, contact Project Assist at 856.691.8600, x1282 for information on assistance that can be provided to eligible students.

(List availability of open labs and/or writing center)

Before Withdrawing From This Course

If a student experiences adverse circumstances while enrolled in this course and considers withdrawing, s/he should see an advisor (division or advisement center) BEFORE withdrawing from the class. A withdrawal may cause harmful repercussions to completion rate standards and overall GPA which can limit or eliminate future financial aid in addition to causing academic suspension.