



Syllabus

Course Number/Title: AR125 Computer Graphics I

Year: Fall 2012

Department: Art

Credit Hours: 3

Required Text: Kendra, E., & Poyssick, G. (2009). *Adobe Photoshop CS4: The Professional Portfolio*. Against the Clock.

Days/Time: TR 9:25-10:40

Instructor: Crystal Pounds

Room #: BMC 706

Office Hours: TBA

Phone #: 785-460-5524

Email: crystal.pounds@colbycc.edu

Course Placement: Freshman or Sophomore

Prerequisite: None

RATIONALE

Computer Graphics I has been developed to give students hands-on experience in learning programs and technology associated specifically with graphic design. Students will become familiar with more advanced computer usage and its relationship to the visual arts.

COURSE DESCRIPTION

This course is a non-programming computer graphics course for people interested in exploring the image-making potential of computers. Students use graphic design and illustration software as they develop basic design skills. This course is required for graphic design majors. No prior knowledge of computers is required.

COURSE OUTLINE

- Setting Up the Workspace
- Compositing Images and Artwork
- Creating Silhouettes
- Managing Multiple Layers
- Saving Photoshop Files for Print
- Compositing with Smart Objects
- Using Filters and Adjustments
- Creating an Artistic Background
- Creating Variations
- Working with Text
- Editing Layers for Visual Impact
- Outputting Files
- Retouching Damaged Images
- Correcting Lighting Problems
- Correcting Color Problems
- Preparing Images for Print
- Creating a Complex Selection
- Compositing Complex Selections
- Working with Spot Channels
- Cleaning and Adjusting Images
- Working in Perspective
- Working with Lighting
- Working in Three Dimensions

Filling Solid Areas
Painting with Brushes
Working with Patterns
Painting Nature
Publishing the Project
Automating Repetitive Tasks
Building Frame Animations
Slicing the Page

COURSE LEARNING OBJECTIVES ASSESSED:

Upon the successful completion of Computer Graphics I the student will develop a working knowledge in the advanced applications of computer design and software to include the following aspects:

- 1) Develop working knowledge of the computer and its application
- 2) Utilize the elements and principles of design to create and save computer-generated illustrations
- 3) Demonstrate the ability to critique works by self and peers using correct terminology and concepts
- 4) Knowledge of how to gain information and use creative freedom to complete the project without relying on instructor for inspiration; be a self-starter

METHOD OF INSTRUCTION:

Lecture/Discussions, Group Presentations, Demonstrations, Visual Research and Investigative Reports

METHOD OF EVALUATION:

Attendance/Participation	= 20%		<u>Grading Scale</u>
Assignments	= 30%	90 – 100	A
Tests	= 50%	80 – 89	B
		70 – 79	C
		60 – 69	D
		59 – below	F

COURSE REQUIREMENTS:

- Satisfactory progress through objectives
- Skill and knowledge development using Photoshop CS4
- Progress toward more advanced levels of software use as determined by Instructor
- Preparation for class

ASSIGNMENT POLICY

All assignments must be handed in by the due date. Only special arrangements made with the instructor in **advance** will change this policy.

TEST POLICY

Tests will only be given at the time designated for the class; makeup test will only be given by special arrangement.

ATTENDANCE POLICY

Students are expected to attend each class period. If you must miss a class, let your instructor know before the missed class and turn in any assignments before the next class meeting. Make-up work is at the instructor's discretion if prior arrangements were not made.

ACADEMIC INTEGRITY POLICY

Colby Community College defines academic integrity as learning that leads to the development of knowledge and/or skills without any form of cheating or plagiarism. This learning requires respect for Colby's institutional values of quality, service and integrity. All Colby Community College students, faculty, staff, and administrators are responsible for upholding academic integrity.

Cheating is giving, receiving, or using unauthorized help on individual and group academic exercises such as papers, quizzes, tests, and presentations through any delivery system in any learning environment. This includes impersonating another student, sharing content without authorization,

fabricating data, and altering academic documents, including records, with or without the use of personal and college electronic devices.

Plagiarism is representing or turning in someone else's work without proper citation of the source. This includes unacknowledged paraphrase, quotation, or complete use of someone else's work in any form. It also includes citing work that is not used and taking credit for a group project without contributing to it.

The following procedure will be used for students who violate the policy:

- First Offense – Student will receive a zero for the assignment and the student will be reported to the Dean of Academic Affairs.
- Second Offense – The student will be reported to the Dean of Academic Affairs and removed from the class.
- Third Offense – The student will be reported to the Dean of Academic Affairs and dismissed from the college.

Any questions about this policy may be referred to the Dean of Academic Affairs.

ASSESSMENT

Colby Community College assesses student learning at several levels: general education, program, and course. The goal of these assessment activities is to improve student learning. As a student in this course, you will participate in various assessment activities. An example of your work, a paper, some test questions, a presentation, or other work may be selected for assessment. This process will not affect your grade, will not require you do additional work and your evaluation will be confidentially handled. Results of these activities will be used to improve teaching and learning at Colby Community College.

SYLLABUS INFORMATION DISCLAIMER:

I reserve the right to change any information contained in this document, when necessary, with adequate notice given to the student. Notice shall be given in the classroom during class. No other notice is required. It is the students' responsibility to keep up with any changes, modifications, adjustments or amendments that are made to this document.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES:

According to the Americans with Disabilities Act, it is the responsibility of each student with a disability to notify the college of his/her disability and to request accommodation. If a member of the class has a documented learning or a physical disability and needs special accommodations, he/she should contact Student Support Services, which is located in the Student Union.

BIBLIOGRAPHY:

Kendra, E., & Poyssick, G. (2009). *Adobe Photoshop CS4: The Professional Portfolio*. Against the Clock.

***CELL PHONE POLICY**

It is your choice to be in this class. If you choose to come to class, the instructor and fellow students demand your attention and respect. Cell phone usage, including text messaging, iPod usage, or usage of any other electronic device is not allowed in class. Any student who cannot meet these expectations will be asked to leave the classroom and will be counted absent for that day.