BARTON COMMUNITY COLLEGE

**COURSE SYLLABUS**

**Fall 2009**

1. **GENERAL COURSE INFORMATION**

Course Number: GRPH 1054

Course Title: Digital Image Editing

Credit Hours: 3

Prerequisite: None

Division/Discipline: Technical Education, Computer Science

Course Description: This course is for individuals interested in exploration into the use of computer graphics as applied to the advertising and business communications industries. Concentration will be on the creation of digital images for use in printed publications, corporate identity and web pages for the Internet.

1. **CLASSROOM POLICY**

Students and faculty of Barton Community College constitute a special community engaged in the process of education. The college assumes that its student faculty will demonstrate a code of personal honor that is based upon courtesy common sense, and respect for others both within and outside the classroom.

The college reserves the right to suspend a student for conduct that is detrimental to the college’s educational endeavors as outlined in the college catalog.

Plagiarism on any academic endeavor at Barton Community College will not be tolerated. Learn the rules of, and avoid instances of, intentional or unintentional plagiarism.

Anyone seeking an accommodation under provisions of the Americans with Disabilities Act should notify Student Support Services.

1. **COURSE AS VIEWED IN THE TOTAL CURRICULUM**

This course is designed for students who wish to prepare for the technological workforce while learning to work with scanned images, to re-touch, manipulate, assemble and colorize photographs and original art work. These new skills will then be applied to create business applications in the print industry and on the Internet.

This course represents one course in the Graphic Design Media Specialist Program. Students completing the Graphic Design Media Specialist Program receive an Associate in Applied Science Degree.

Please see instructor for transferability. The transferability of all college courses will vary among institutions, and perhaps even among departments, colleges, or programs within an institution. Institutional requirements may also change without prior notification. Students are responsible to obtain relevant information from intended transfer institutions to insure that the courses the student enrolls in are the most appropriate set of courses for the transfer program.

## ASSESSMENT OF STUDENT LEARNING/COURSE OUTCOMES

Barton Community College is committed to the assessment of student learning and to quality education.  Assessment activities provide a means to develop an understanding of how students learn, what they know, and what they can do with their knowledge.  Results from these various activities guide Barton, as a learning college, in finding ways to improve student learning.

1. Develop understanding, appreciation, and mastery of the technical and creative aspects of the complexities of digital imagery.
2. Use the principles of design to evaluate the compositional make-up of your work.
3. Employ knowledge of the ever-expanding variety of styles and techniques, which can be employed to produce images for use in publications, corporate identity, and artwork for the World Wide Web.
4. Demonstrate knowledge of the use of type by incorporating it into a series of images, which can be used for fine art, web images, magazine, and newspaper advertisement.
5. Provide opportunities for the student to use the medium of digital imaging to seek answers to creative questions using experimentation, observation, and discovery.
6. Develop a greater appreciation for the ever-expanding variety of styles and techniques, which can be employed to produce a work of art in the medium of digital imaging.
7. **COURSE COMPETENCIES**

After completing this course, students will have mastered the following competencies. The competencies include, but are not limited to the following:

1. Understand the use of the different hardware used in digital imaging: CPU, monitor, scanner, zip drive, CD press, digital camera, and printer.
2. Develop an understanding and proficiency of software used to edit digital images through the utilization of the toolbox and the appropriate shortcuts, which can be used to access the different tools.
3. Understand and be able to use the different palettes and their menus when working on your images.
4. Understand how the number of pixels and their color determines issues such as image quality, image size, and the look of the image.
5. Develop the ability and understanding of the ideal, and required resolutions that need to be employed to produce a successful scan for a given project.
6. Be able to manipulate and use layers to produce your image by combing, altering, fading, adjusting, and coloring without damaging the original image.
7. Understand and be able to use adjustment layers, layer masks, blend modes, and clipping groups.
8. Evaluate the capabilities, limitations and applications of the type tool.
9. Use text layers to achieve a multiple image presentation combining clipping groups and layer masks.
10. Create a text layer where embossing has been employed into the final image.
11. Understand the uses of the various color modes: RGB, CMYK, and INDEX ED.
12. Employ the tools of Photoshop to correct and retouch digital images.
13. Use filters to create special effects.
14. Access, identify, and evaluate visual information as needed for the use of personal expression when developing an image in Photoshop.
15. Superimpose and combine various images using the commands.
16. Experiment with different blending modes to achieve a multiple layer effect.
17. You will be directed toward the use of modifier keys rather than menu commands to help you work more effectively.
18. Utilize the techniques and knowledge of the digital image process into business and Internet applications.
19. **INSTRUCTOR’S EXPECTATIONS OF STUDENTS IN CLASS**
20. **TEXTBOOKS AND OTHER REQUIRED MATERIALS**
21. **REFERENCE**
22. **METHODS OF INSTRUCTION AND EVALUATION**
23. **ATTENDANCE REQUIREMENTS**
24. **COURSE OUTLINE**