

PELLISSIPPI STATE COMMUNITY COLLEGE
MASTER SYLLABUS

**ADVANCED PHOTOSHOP
CGT 2045**

Class Hours: 3.0
Laboratory Hours: 0.0

Credit Hours: 3.0
Revised: Spring 2017

Course Description

An advanced study of photographic concepts, image enhancement, digital image editing techniques and processes for visual communication. Includes beyond-the-basics skill development with Adobe Photoshop software.

Prerequisites

CGT 1040 or MDT 2100 and CGT 2040 or consent of program coordinator

Corequisites

None

Textbook(s) and Other Course Materials

Adobe Photoshop CC for Photographers: Author: Evening ISBN:9780415711753.

Week/Unit/Topic Basis

Week Topic

1. Introduction / materials / tools / getting organized / basic principles / updated features.
2. Introduction to the use of pressure sensitive graphics tablet for image editing / Color Management / Project proposals
3. File Output and Proofing / The work space – tool and key command review / shortcuts
4. File Formats / Project 1 critique / Quiz review
5. Image Adjustments / Quiz #1
6. Color Adjustments / Project 2 critique
7. Repairing an Image
8. Advanced layer techniques / Montage Techniques / Project 3 critique
9. Montage Techniques (cont.)
10. Shortcuts and Actions / Project 4 critique
11. Black and White Effects / Color Effects
12. Layer Effects and Styles / Filters / Project 5 critique
13. Final Project critique/ Final Exam review
14. Practical final exam
15. Final Exam Period. Administered in class. Please see the [Final Exam Schedule](http://www.pstcc.edu/instruction/exams.php) (www.pstcc.edu/instruction/exams.php) for your specific final exam time.

Course Goals

NOTE: Roman numerals after course objectives reference goals of the Media Technologies – Communication Graphics program.

The course will

- A. Develop a working knowledge in the use of pixel-based digital image editing software to produce original graphic images. I, II
- B. Develop advanced knowledge in the application of digital image editing software to photographic images. I, II
- C. Enhance visual problem solving capability through skill development in the use of pressure sensitive digital graphics tablets. I, II
- D. Produce professional quality portfolio pieces that evidence proficiency with industry standard image editing software. III, IV

Expected Student Learning Outcomes

Note: Capital letters after Expected Student Learning Outcomes reference the course goals listed above.

The student will

- 1. Demonstrate advanced knowledge of digital image editing techniques. A,B,C
- 2. Incorporate original digital images into design solutions. A,B,C,D
- 3. Use pixel-based image editing software as an illustration tool. A,B,C,D
- 4. Determine the proper file format for output to given applications. A,B,C
- 5. Demonstrate an understanding of complex montage and layering techniques. A,B,C
- 6. Demonstrate a working knowledge of keyboard shortcuts used in industry standard image editing software. A,B,C
- 7. Exhibit advanced understanding of digital scanning technology. B,C
- 8. Demonstrate fundamental skill in the use of a pressure sensitive digital graphics tablet. B,C
- 9. Demonstrate advanced working knowledge of the Adobe Photoshop software to color correct digital images. A,B,C
- 10. Display an advanced understanding of the principles of color calibration of output devices, monitors, and scanning devices. B
- 11. Make gamma adjustments. A,B
- 12. Perform evaluation of histograms of scanned images. A,B
- 13. Demonstrate a proficiency in selecting and masking of images to affect specific area within digital images. A,B
- 14. Apply knowledge of halftone and duotone imaging. A,B,C,D
- 15. Exhibit an understanding of the procedure of compositing images with masks and channels. A,B
- 16. Display advanced knowledge of the use of blends, patterns, filters and effects to modify digital images. A,B
- 17. Incorporate type within the digital image. A,B,D
- 18. Show basic knowledge of the preparation of digital files for service bureau output. A,B,D

Evaluation

Testing Procedures: 30% of grade

2 Quizzes (10%)
Written and practical Final Exam (20%)

Laboratory Expectations:

Students will probably find it necessary to spend additional time in the Macintosh lab to successfully complete assignments.

Field Work: None

Other Evaluation Methods: 70% of grade

Portfolio 60%
Each student will submit a portfolio of completed projects.
Lab/classroom participation 10%

Grading Scale

Percentage	Letter Grade
90-100%	A
87-89%	B+
80-86%	B
77-79%	C+
70-76%	C
60-69%	D
0-59%	F

Policies

Attendance Policy

Pellissippi State expects students to attend all scheduled instructional activities. As a minimum, students in all courses (excluding distance learning courses) must be present for at least 75 percent of their scheduled class and laboratory meetings in order to receive credit for the course. Individual departments/programs/disciplines, with the approval of the vice president of Academic Affairs, may have requirements that are more stringent. In very specific circumstances, an appeal of the policy may be addressed to the head of the department in which the course was taken. If further action is warranted, the appeal may be addressed to the vice president of Academic Affairs.

Academic Dishonesty

Academic misconduct committed either directly or indirectly by an individual or group is subject to disciplinary action. Prohibited activities include but are not limited to the following practices:

- Cheating, including but not limited to unauthorized assistance from material, people, or devices when taking a test, quiz, or examination; writing papers or reports; solving problems; or completing academic assignments.
- Plagiarism, including but not limited to paraphrasing, summarizing, or directly quoting published or unpublished work of another person, including online or computerized services, without proper documentation of the original source.
- Purchasing or otherwise obtaining prewritten essays, research papers, or materials prepared by another person or agency that sells term papers or other academic materials to be presented as one's own work.
- Taking an exam for another student.
- Providing others with information and/or answers regarding exams, quizzes, homework or other classroom assignments unless explicitly authorized by the instructor.
- Any of the above occurring within the Web or distance learning environment.

Please see the Pellissippi State Policies and Procedures Manual, Policy 04:02:00 Academic/Classroom Conduct and Disciplinary Sanctions for the complete policy.

Accommodations for Disabilities

Students that need accommodations because of a disability, have emergency medical information to share, or need special arrangements in case the building must be evacuated should inform the instructor immediately, privately after class or in her or his office. Students must present a current accommodation plan from a staff member in Disability Services (DS) in order to receive accommodations in this course. [Disability Services](#) (<http://www.pstcc.edu/sswd/>) may be contacted via [Disability Services email](#) or by visiting Alexander 130.