PELLISSIPPI STATE COMMUNITY COLLEGE
MASTER SYLLABUS

ADVANCED PHOTOSHOP
CGT 2045

Class Hours: 3.0 Credit Hours: 3.0
Laboratory Hours: 0.0 Date Revised: Fall 2012

Catalog 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.

Entry Level Standards:

Student is expected to be able to read on a college level, write using correct spelling and grammar, and have basic Macintosh computer proficiency, and be able to conduct research utilizing Internet and pertinent learning resources and techniques. Student should have sufficient manual dexterity to be able to use a graphic design industry standard keyboard and mouse simultaneously; trim, cut and mount projects using x-acto knives and metal straight-edged rulers, rotary blade paper trimmers, and adhesives. Student should exhibit proficiency with basic graphic design software on the Macintosh Computer. Visual acuity and correctable vision are also required.

Prerequisites:

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

Co-requisites:

NONE

Textbook(s) and Other Course Materials:


Quiz, Mid-term, and Final Practical Exam

Materials – CD-R disks, Flash drive, camera (digital or analog), matboard and a graphics tablet (optional).

I. Week/Unit/Topic Basis:

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction / materials / tools / getting organized / basic principles / updated features</td>
</tr>
<tr>
<td>2</td>
<td>Introduction to the use of pressure sensitive graphics tablet for image editing / Color Management / Project proposals</td>
</tr>
</tbody>
</table>
II. Course Goals*:

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

*Roman numerals after course objectives reference goals of the Media Technologies — Communication Graphics program.

III. Expected Student Learning Outcomes*:

Students will be able to:

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
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

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

IV. Evaluation:

A. Testing Procedures: 30% of grade
   2 Quizzes (10%)
   Written and practical Final Exam (20%)

B. Laboratory Expectations:
   Students will find it necessary to spend additional time in the Macintosh lab in order to successfully complete assignments.

C. Field Work:
D. Other Evaluation Methods: 70% of grade

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Portfolio</td>
<td>60%</td>
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<tr>
<td>Each student will submit a portfolio of completed projects.</td>
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<tr>
<td>Lab/classroom participation</td>
<td>10%</td>
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</table>

E. Grading Scale:

The final grade will be calculated from the factors as mentioned above and will be evaluated on a standard scale.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
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<tbody>
<tr>
<td>A</td>
<td>92–100</td>
</tr>
<tr>
<td>B+</td>
<td>89–91</td>
</tr>
<tr>
<td>B</td>
<td>82–88</td>
</tr>
<tr>
<td>C+</td>
<td>79–81</td>
</tr>
<tr>
<td>C</td>
<td>72–78</td>
</tr>
<tr>
<td>D</td>
<td>65–71</td>
</tr>
<tr>
<td>F</td>
<td>Below 65</td>
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V. Policies:

A. 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.

B. 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.

C. Accommodations for disabilities:
Students who 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 Services for Students with Disabilities (SSWD) in order to receive accommodations in this course. Services for Students with Disabilities may be contacted by going to Goins 127, 132, 134, 135, 131 or by phone: 539-7153 or TTY 694-6429. More information is available at http://www.pstcc.edu/sswd/.

D. Other Policies:

Other Policies—CGT Program:
1. **Roll** - Roll will be taken at the beginning of the class period. Three tardies will count as one absence. In the event that you are late, be sure to have the instructor mark you present. Leaving class early without prior approval from the instructor is not acceptable.
2. **Make-up Work** - In the event of an absence, students must use their own initiative to secure lecture notes, assignments, and other information that might have been covered during the class period.
3. **Cell Phones** - Please make sure all cell phone ringers are turned off during class periods. Taking or making calls during scheduled class time is not appropriate unless the instructor has prior knowledge of a critical or sensitive situation that may warrant an immediate response.
4. **Internet** - Checking e-mail or surfing the web during class is not an appropriate use of scheduled instructional time unless it relates to a specific assignment for this class.
5. **Music/MP3 players** - Listening to music or any recorded material not specifically related to subject matter being taught in this class is not appropriate during scheduled class time.
6. **Lab Usage** - Please remember that the Pellissippi State’s policy states NO FOOD OR DRINK in classrooms. That policy is especially important in computer labs. Our Mac labs are the best in the region—keep them clean!