PELLISSIPPI STATE COMMUNITY COLLEGE
MASTER SYLLABUS

ADVANCED COMPUTER ILLUSTRATION
CGT 2240

Class Hours: 3.0  Credit Hours: 3.0
Lab Hours: 0.0  Revised: Fall 2010

NOTE: This course is not designed for transfer credit.

Catalog Course Description:

An advanced study in creating electronic renderings for visual communications. Infographics, product, editorial and conceptual imaging are explored in depth.

Entry Level Standards:

Basic Macintosh computer and vector-based software proficiency.

Corequisites:

CGT 1040 and 1105 and 2040

Textbook(s) and Other Course Materials:


Materials – 5 CD-R disks, Flash drive, matboard as specified by instructor. Students may want to purchase a USB capable pressure sensitive digital graphics tablet (Wacom Graphire4 or similar recommended).

I. Week/Unit/Topic Basis:

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
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<tbody>
<tr>
<td>1</td>
<td>Overview of course; Review of Terms, Tools, Menus and Shortcuts used in Adobe Illustrator and Photoshop – updates; File formats; Starting a Rendering; Assign Project 1</td>
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<tr>
<td>2</td>
<td>Introduction to use of digital graphics tablet – Settings</td>
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<tr>
<td>3</td>
<td>Exact Points and Precision Curves; Reshaping Paths; Type; Project proposals due; Quiz</td>
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<tr>
<td>4</td>
<td>Modifying and Combining Paths</td>
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<tr>
<td>5</td>
<td>Transformations, Special Effects, and Filters; Advanced color application</td>
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<td>6</td>
<td>Advanced blends; Mastering the Gradient Mesh tool</td>
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<tr>
<td>7</td>
<td>Rasterizing and combining Illustrator and Photoshop files.</td>
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<tr>
<td>8</td>
<td>Mid-Term Review/Exam</td>
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II. Course Goals*:

The course will:

A. Enhance student’s mechanical, technical, and expressive drawing skills in black and white and color using electronic media. I, II, IV

B. Guide the student to develop a greater understanding of advanced illustration and rendering techniques using electronic media. I, II, IV

C. Expand the student’s understanding of the use of illustration as a means of communicating ideas. I, II, III, IV

D. Increase the student’s awareness of the scope of illustration and how it is used for visual communication in multiple formats. I, II, III, IV

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

III. Expected Student Learning Outcomes*:

The student will be able to:

1. Digitally produce an illustration that communicates an abstract concept. A,B,C,D

2. Demonstrate advanced black and white illustration/rendering techniques using electronic media. A,B,C,D

3. Demonstrate an increased understanding of the principles of perspective. A,B

4. Demonstrate advanced color illustration techniques using electronic media. A,B,C,D

5. Demonstrate proficiency in use of electronic illustration programs – Illustrator and Photoshop. A,B

6. Create editorial illustrations digitally to support the text, and design an appropriate layout incorporating text and illustration based upon a published editorial. A,B,C,D

7. Understand the development, production, and implementation of editorial illustrations. A,B,C,D
8. Create templates from a scanned image, use guides and rulers, use the lock and hide commands. A,B

9. Understand advanced techniques in the development, production, and implementation of infographics. A,B,C,D

10. Demonstrate a mastery of command keys and shortcuts. A,B

11. Implement creative experimentation an innovation with filters. A,B

12. Use colors palette, create and edit color, use process colors, custom colors and color tints. A,B

13. Incorporate complex layering techniques in digital illustration. A,B

14. Distinguish between and apply the RGB, Pantone, and Process (CMYK) color models. A,B

15. Demonstrate proficiency in the use of filters. A,B

16. Demonstrate proficiency in the use of a pressure sensitive digital graphics tablet. A,B

17. Participate in group dialogue/critiques applying relevant omenclature/concepts. A,B,C,D

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

IV. Evaluation:

A. Testing Procedures: 25% of grade
   Quiz, Mid-term, and Final Practical Exam

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:
   N/A

D. Other Evaluation Methods: 75% of grade
   Portfolio 55%
   In-class exercises 10%
   Attendance/Participation 10%

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


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 the Learning Division, 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 the Learning Division.

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.

B. 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 www.pstcc.edu/departments/swd/.

C. 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!