PELLISSIPPI STATE COMMUNITY COLLEGE
MASTER SYLLABUS

COMPUTER ILLUSTRATION
CGT 2040

Class Hours: 3.0  Credit Hours: 3.0
Laboratory Hours: 0.0  Date Revised: Fall 2011

Catalog Course Description:
Creating electronic renderings for visual communications. Infographics, product, editorial and conceptual imaging are explored.

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, CGT 1105, CGT 1110

Textbook(s) and Other Course Materials:
Materials – Five CD-R discs, printer paper, matboard as specified by instructor. Recommended – 2GB or larger Flash/Thumb Drive

I. Week/Unit/Topic Basis:

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<th>Week</th>
<th>Topic</th>
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<tr>
<td>1</td>
<td>Overview of course; Review of basic principles of perspective - effectively incorporating principles into digital environment; Review of Terms, Tools, Menus and Shortcuts used in Adobe Illustrator CS.</td>
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<td>2</td>
<td>The role of illustration in graphic design; File formats; Starting a Rendering</td>
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<td>3</td>
<td>Exact Points and Precision Curves; Type Quiz</td>
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<td>4</td>
<td>Graphs; Infographics</td>
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<td>5</td>
<td>Reshaping Paths</td>
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Measuring and Positioning; Guides
Transformations; Scaling; Duplicating.
Mid-Term Review/Exam
Selecting and applying color
View GradientMesh.mov. This file is located on the CGT server: CGT/Taylor/Taylor Tutorial Movies/GradientMesh.mov.
Gradations and Fills
Strokes and Brushes
This file is located on the CGT server: CGT/Taylor/Taylor Tutorial Movies/GradientMesh.mov.
Blends, Masks
Special Effects; Rasterizing
Printing Your Illustrations.
Final Exam Period

II. Course Goals*:
The course will:

A. Direct student to develop mechanical and technical drawing skills in black and white using electronic media. I, II, IV
B. Enhance student development of in depth understanding of illustration and rendering techniques using electronic media. I, II, IV
C. Expand the student’s basic understanding of the use of illustration as a means of communicating ideas. I, II, III, IV
D. Increase student’s awareness of the scope of illustration and how it is used in the graphic design field. I, II, 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 black and white illustration/rendering techniques using electronic media. A,B,C,D
2. Understand the basics of perspective drawing. A,B
3. Demonstrate color illustration techniques using electronic media. A,B,C,D
4. Demonstrate entry-level proficiency in use of electronic illustration program – Illustrator CS5. A, B
5. Understand the development, production, and implementation of editorial illustrations. A,B,C,D
6. Create templates from a scanned image, use guides and rulers, use the lock and hide commands. A, B
7. Understand the development, production, and implementation of infographics. A, B, C, D
8. Demonstrate an understanding of command keys and shortcuts. A,B
9. Implement creative experimentation with filters. A,B
10. Use colors palette, create and edit color, use process colors, custom colors and color tints. A,B
11. Incorporate the technique of “layering” in digital illustration. A,B
12. Distinguish between and apply the RGB, Pantone, and Process (CMYK) color models. A, B
13. Demonstrate proficiency in the use of Pathfinder and transformation filters. A,B
14. Participate in group dialogue/critiques applying relevant nomenclature/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:
   None

D. Other Evaluation Methods: 75% of grade
   Portfolio 50%
   In-class exercise 10%
   Attendance/Participation 15%
   (Refer to V Policies, CGT Program)

E. Grading Scale:

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

   A 92–100
   B+ 89–91
   B 82–88
   C+ 79–81
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!