

**PELLISSIPPI STATE COMMUNITY COLLEGE
MASTER SYLLABUS**

**COMPUTER ILLUSTRATION
CGT 2040**

Class Hours: 3.0
Laboratory Hours: 0.0

Credit Hours: 3.0
Revised: Fall2016

Catalog Course Description:

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

Prerequisite(s):

CGT 1040, CGT 1105, CGT 1110

Co-requisite(s):

None

Textbooks(s) and Other Course Materials:

1. Adobe Illustrator CC (Digital Classroom)(w/DVD)

Author:Smith

ISBN:9781118639719

2. Materials: Free online storage (Google Drive, Dropbox or other), Flash drive,
.Recommended – 2GB or larger Flash/Thumb Drive

I. Week/Unit/Topic Basis:

Week Topic

- | | |
|----|--|
| 1 | 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 CC. |
| 2 | The role of illustration in graphic design; File formats; Starting a Rendering |
| 3 | Exact Points and Precision Curves; Type; Quiz |
| 4 | Graphs; Infographics |
| 5 | Reshaping Paths. |
| 6 | Measuring and Positioning; Guides |
| 7 | Transformations; Scaling; Duplicating |
| 8 | Mid-Term Review/Exam |
| 9 | Selecting and applying color |
| 10 | Gradations and Fills |
| 11 | Strokes and Brushes |
| 12 | Blends, Masks |
| 13 | Special Effects; Rasterizing |

- 14 Printing Your Illustrations
- 15 Final Exam

II. Course Goals*:

The course will:

- A. Direct student to develop mechanical and technical drawing skills in black and 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 Design for Web and Print program.

III. Expected Student Learning Outcomes*:

Students will:

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 CC. 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 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 exercises 10%

Attendance/Participation 15% (Refer to V Policies, CGT Program).

E. Grading Scale:

A 90-100

B+ 85-89

B 80-84

C+ 75-79

C 70-74

D 60-69

F 0-59

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.

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

C. 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 [email](#) or by visiting Alexander 130.