

**PELLISSIPPI STATE COMMUNITY COLLEGE  
MASTER SYLLABUS**

**ADVANCED COMPUTER ILLUSTRATION  
CGT 2240**

**Class Hours:** 3.0  
**Laboratory Hours:**

**Credit Hours:** 3.0  
**Revised:** Spring 2017

**Catalog Course Description**

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

**Corequisites**

CGT 1040 or CGT 1105 or CGT 1110 or CGT 2040

**Textbook(s) and Other Course Materials**

*The Adobe Illustrator WOW! Book for CS6 and CC* 1st Edition by Sharon Steuer. ISBN-13: 978-0133928501 ISBN-10: 0133928500

**Week/Unit/Topic Basis**

**Week    Topic**

1. 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
2. Introduction to use of digital graphics tablet – Settings
3. Exact Points and Precision Curves; Reshaping Paths; Type; Project proposals due; Quiz CGT 2240 Page 2 Advanced Computer Illustration
4. Modifying and Combining Paths
5. Transformations, Special Effects, and Filters; Advanced color application
6. Advanced blends; Mastering the Gradient Mesh tool
7. Rasterizing and combining Illustrator and Photoshop files.
8. Mid-Term Review/Exam
9. Strokes and Brushes, Blends, Masks
10. Web Graphics and Animations
11. Web Graphics and Animations
12. Shortcuts and Actions; Working with Styles
13. Project development, digital portfolio development, Final Exam Review
14. Project development; Practical Final Exam
15. Final Exam Period

**Course Goals**

NOTE: Roman numerals after course objectives reference goals of the Design for Print program.

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

### **Expected Student Learning Outcomes**

NOTE: Letters after performance expectations reference the course goals listed above.

The student will

1. Be able to 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. 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
6. Demonstrate proficiency in use of electronic illustration programs – Illustrator and Photoshop. A,B
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,
17. Participate in group dialogue/critiques applying relevant nomenclature/concepts. A,B,C,D

### **Evaluation**

Testing Procedures

25% of grade

Quiz, Mid-term, and Final Practical Exam

## Laboratory Expectations

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

## Field Work

None

## Other Evaluation Methods

75% of grade

Portfolio..... 55%

In-class exercises..... 10%

Attendance/Participation.....10%

## Grading Scale

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/) (<http://www.pstcc.edu/sswd/>) may be contacted via [Disability Services email](#) or by visiting Alexander 130.