

Pellissippi State Community College
Master Syllabus

DIGITAL PHOTOGRAPHY
CGT 1040

Class Hours: 3.0
Laboratory Hours: 0.0

Credit Hours: 3.0
Revised: Spring 2017

Catalog Course Description

A study of the fundamentals of photographic concepts, techniques and digital imaging processes for graphic design. Includes skill development with Adobe Photoshop software.

Prerequisite(s)

CGT 1030 or consent of program coordinator

Textbooks(s) and Other Course Materials

1. Adobe Photoshop CC for Photographers: Author: Evening

ISBN:9780415711753

Week/Unit/Topic Basis

<u>Week</u>	<u>Topic</u>
1	Introduction / materials / tools / getting organized /basic principles / overview of digital imaging.
2	The camera - controls etc. / photographic composition /navigating in Photoshop, file formats, tool palette.
3	ISO selection / color theory / overview of digital color / color correction tools / determining scan resolution.
4	Using levels and hue saturation / introduction to curves / duotones.
5	Quiz #1 / Photoshop tutorial review / basic principles of work-flow color management and calibration.
6	Selections, masks and channels / using the magic wand and quick mask / digital retouching / out-of-gamut colors
7	Compositing images with masks and channels / using layers / refining selections with paths / applying filters.
8	Advanced layer techniques / color correcting.
9	Blend modes, calculations and apply image / fill and painting tools / incorporating text.
10	Posterization, bitmaps and patterns / filters and effects / creating shadows.
11	Quiz #2, studio procedure overview.
12	Studio session / Final project.
13	Final project.
14	Preparing digital files for service bureau output / Final Project / review.
15	Final Exam

Course Goals*

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

The course will

- A. Teach basic knowledge of camera systems and exposure controls. I
- B. Help students gain working knowledge in the application of digital image editing software to photographic images. I, II
- C. Develop basic knowledge in the current methods of introducing photographic images into the electronic digital environment. I, II
- D. Develop teamwork skills and an understanding of the roles of photographer, photo stylist, art director, grip, and customer while participating in a studio session. III, IV

Expected Student Learning Outcomes

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

The student will

- 1. Photographically document a sequential process to visually communicate the steps necessary to complete the procedure, incorporating three or more consecutive images into a digital layout that includes student generated original text. A,B,C
- 2. Participate in a staged commercial studio photography session via role playing. A,B,C,D
- 3. Recruit modeling talent, photograph same, and produce composite portraiture in the digital imaging environment. D
- 4. Digitally color correct and edit original photographic images. B,C
- 5. Demonstrate the correct use of digital storage, shutter speed and aperture controls, in-camera light metering, and depth of field scales. A
- 6. Understand the selection and use of normal, wide angle and telephoto lenses. A
- 7. Demonstrate a basic understanding of composition, vantage point, and natural light usage. A, B
- 8. Utilize entry-level digital cameras. A, C
- 9. Exhibit basic understanding of digital scanning technology. B, C
- 10. Display a basic understanding of the principles of color calibration of output devices, monitors, and scanning devices. B, C

Evaluation

Testing Procedures: --40% of grade

2 Quizzes 20%

Written and practical Final Exam 20%

Laboratory Expectations:

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

Field Work:

None

Other Evaluation Methods: --60% of grade

Portfolio: Each student will submit a portfolio of completed tutorial assignments.
20%.

Final Project: Turn in a comprehensive final project. 30%

Class participation 10%

Grading Scale:

A	90-100
B+	85-89
B	80-84
C+	75-79
C	70-74
D	60-69
F	0-59

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/>) may be contacted via [Disability Services email](#) or by visiting Alexander 130.