PHOTOSHOP ESSENTIALS
MDT 2100 (formerly WEB 2100)

Class Hours: 3.0 Credit Hours: 3.0
Laboratory Hours: 0.0 Revised: Fall 06

NOTE: This course is not designed for transfer credit.

Catalog Course Description:

Students are introduced to the digital darkroom using Adobe Photoshop® and related software with images from film and flatbed scanners, digital camera, and other media. Topics covered include: selecting, layers, color correction, color theory, retouching, special effects, rollovers, animation, slicing, type effects, and using Photoshop® as a design tool. Documents created in class will optimized for Web, print, and multimedia uses. Students will complete a variety of tutorials as well as create personal projects.

Entry Level Standards:

Proficiency with 35mm. Familiarity with a personal computer, creating and saving documents, types of documents.

Prerequisites:

WEB 2200; or OST 2801 and 2802 and 2803; or CSIT 2645 or equivalent for WEB majors; PHO 1000 and CGT 1030 for PHO majors

Textbook(s) and Other Course Materials:

Texts:
Introduction to Digital Photography, Joseph Ciagila
Visual Quickstart Guide for Photoshop®, by Elaine Weinmann and Peter Lourekas
Photoshop® Essentials at PSTCC tutorial disk

Software: Adobe Photoshop® CS (includes ImageReady)

Equipment: A camera

Materials: Epson photo quality glossy paper.

I. Week/Unit/Topic Basis:

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<tr>
<th>Week</th>
<th>Topic</th>
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<tr>
<td>1</td>
<td>Introduction to course material and hardware. Photoshop demo. Tools and Pallets. Understanding a Photograph</td>
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<tr>
<td>2</td>
<td>Scanning and Saving demo. Scanning and Saving tutorial. Managing the workspace. Efficient work habits.</td>
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<tr>
<td>3</td>
<td>Basic Image Editing</td>
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II. Course Objectives*:

A. Become skilled with film and print scanners. I. II. III. IV. V. VI.

B. Be able to color correct, retouch and optimize digital images for a variety of uses using Adobe Photoshop®. I. II. III. IV. V. VI.

C. Create new images from existing images using digital techniques. I. II. III. IV. V. VI.

D. Create a portfolio or other project using advanced techniques and knowledge developed in this class. I. II. III. IV. VI. V.

*Roman numerals after course objectives reference goals of the WEB program.

III. Instructional Processes*:

Students will:

1. Developing set of goals and parameters for projects. Communication Outcome and Personal Development Outcome

2. Complete tasks as assigned by instructor. Personal Development Outcome

3. Creation of a portfolio where technique, artistry, and subject communicate the photographer observation to the viewer. Problem Solving and Decision Making Outcome and Transitional Strategy

4. Evaluate project with faculty. Transitional Strategy

*Strategies and outcomes listed after instructional processes reference TBR’s goals for strengthening general education knowledge and skills, connecting coursework to experiences beyond the classroom, and encouraging students to take active and responsible roles in the educational process.
**IV. Expectations for Student Performance***:

Upon successful completion of this course, the student should be able to:

1. Demonstrate technical skills including scanning, selecting, working with layers and channels, creating and using masks, retouching, color correction, and optimizing. A. B. C. D.
2. Demonstrate creative skills including painting, retouching, and SPFX. A. B. C. D.
3. Demonstrate web skills including rollovers, animation, web galleries, and slicing. A. B. C. D.
4. Present a portfolio of learned techniques. A. B. C. D.

*Letters after performance expectations reference the course objectives listed above.

**V. Evaluation**:

A. Testing Procedures:

20% of grade

B. Laboratory Expectations:

80% of grade

C. Field Work:

N/A

D. Other Evaluation Methods:

Students will be evaluated by observation; of their attendance, punctuality, attitude, class participation, teamwork, and cooperation. Inadequate performance may result in a loss of 10% of the final grade.

**VI. Policies**:

A. Attendance Policy:

Pellissippi State Technical Community College expects students to attend all scheduled instructional activities. As a minimum, students in all courses (excluding videotape and Web courses) must be present for at least 75 percent of their scheduled class and laboratory meetings in order to receive credit for the course. (Pellissippi State Catalog) Individual departments/programs/disciplines, with the approval of the vice president of Academic and Student Affairs, may have requirements that are more stringent.

**MDT 2100 Class Attendance Policy**:

Students must attend 85% percent of the scheduled class meetings to get credit for the course.

B. Academic Dishonesty:
Plagiarism, cheating, and other forms of academic dishonesty are prohibited. Students guilty of academic misconduct, either directly or indirectly through participation or assistance, are immediately responsible to the instructor of the class. In addition to other possible disciplinary sanctions which may be imposed through the regular Pellissippi State procedures as a result of academic misconduct, the instructor has the authority to assign an F or a zero for the exercise or examination or to assign an F in the course. (Pellissippi State Catalog)

C. Accommodations for disabilities:

If you need accommodations because of a disability, if you have emergency medical information to share, or if you need special arrangements in case the building must be evacuated, please inform the instructor immediately. Please see the instructor privately after class or in his/her 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 or 131 or by phone: 694-6751(Voice/TTY) or 539-7153.

D. Other Policies:

**Late Assignments:**
Late assignments will lose 10% for each class session they are late.

**Facilities:** Students must have a valid Pellissippi ID to be presented on demand to gain access to Pellissippi facilities.

**Hardware Requirements for This Course**

**IBM-type Criteria:**
- Pentium Computer 300 MHz minimum (Pentium III/750 MHz preferred) processing speed
- 64 MB RAM (128 MB RAM preferred)
- Monitor capable of at least 800 x 600 resolution
- CD-ROM (DVD preferred) Drive
- 56 kbps modem with Internet access (high speed such as cable modem or DSL recommended)
- Speakers and 16 bit sound card
- Operating System: Windows 98 or higher

**Macintosh Criteria:**
- PowerPC minimum (G3/300 MHz preferred)
- 64 MB RAM (128 MB RAM preferred)
- Monitor capable of at least 800 x 600 resolution
- CD-ROM (DVD preferred)
- 56 kbps modem with Internet access (high speed such as cable modem or or DSL recommended)
- Speakers
- Operating System: Macintosh 8.5.1 or higher (Mac OS 8.6 or higher preferred)