

Common Course Outline

PHTO 207

Digital Photography II

3 Semester Hours

The Community College of Baltimore County

Description

PHTO 207 – 3 Credits – Digital Photography II explores intermediate level digital imaging techniques and processes currently used in the field of commercial photography. Topics include simulating alternative photographic processes, creating QuickTime VR panoramas, shooting architectural interiors, an introduction to studio lighting techniques, and the production of large, high-resolution digital prints for portfolio presentation and exhibition. Professional technique and creativity are stressed. Students are required to provide a digital camera.

3 credits; 2 lecture hours per week; 2 laboratory hours per week.

Prerequisite: PHTO 107 or consent of the program coordinator

Overall Course Objectives

Upon completion of this course the student will be able to:

1. calibrate a large format ink jet printer;
2. set appropriate studio lighting ratios for digital capture;
3. use various paper stocks for desired technical and esthetic result;
4. scan medium format negatives and transparencies for electronic printing;
5. alter and adjust the color balance and contrast of architectural interior scenes;
6. produce a blended image from different exposures of the same scene;
7. apply color correction to scenes lit with mixed artificial/ambient sources;
8. create a QuickTime VR panorama using digital hardware and software;
9. produce a sophisticated and spatially creditable photographic montage;
10. create tritone/quadtone digital prints from RGB digital files;
11. simulate motion and depth of field effects using image editing software;
12. produce a professional quality studio portrait;
13. create an on-line and CD ROM digital image portfolio.

Major Topics

- I. Printer and monitor calibration for commercial applications
- II. Studio portraiture and setting lighting ratios for same
- III. Configuring/using medium format film scanners
- IV. Creating a QuickTime VR panorama
- V. Simulating motion and perspective adjustments digitally
- VI. Simulating infrared digitally
- VII. Simulating antique processes such as the Calotype and Platinum print digitally
- VIII. Photographing architectural interiors
- IX. Creating an on-line portfolio
- X. Configuring commercial studio flash systems and lighting equipment
- XI. Working with medium-format cameras, lenses, and accessories

Course Requirements

Grading/exams: Grading procedures will be determined by the individual faculty member but will include the following:

A mid-term and final written exam.

A portfolio of 12-15 images based on course lectures and assignments.

An on-line electronic portfolio based on course lectures and assignments.

Writing: The individual faculty member will determine specific writing assignments.

Other Course Information

This course is a required course in the Photography/Imaging degree and certificate programs within Computer Graphics and Visual communication.

This course is taught in a computerized environment.

Individual faculty members may include additional course objectives, major topics, and other course requirements to the minimum expectations stated in the Common Course Outline.

The Community College of Baltimore County is committed to providing a high-quality learning experience that results in growth in knowledge, attitudes, and skills necessary to function successfully as a transfer student, in a career and as a citizen. To accomplish this goal, we maintain high academic standards and expect students to accept responsibility for their individual growth by attending classes, completing all homework and other assignments, participating in class activities and preparing for tests.

We take seriously our responsibility to maintain high-quality programs and will periodically ask you to participate in assessment activities to determine whether our students are attaining the knowledge, attitudes and skills appropriate to various courses and programs. The assessment activities may take many different forms such as surveys, standardized or faculty-developed tests, discussion groups or portfolio evaluations. We ask that you take these activities seriously so that we can obtain valid data to use for the continuous improvement of CCBC's courses and programs.