COURSE OUTLINE

Course Number: PHO103
Course Title: Digital Photography I
Credits: 3

Hours:
lecture/Lab/Other: 2/3/0

Co- or Pre-requisite: NONE

Implementation:
sem/year: Fall/2015

Catalog description (as it appears in 2014-2015 edition):
[Note: All revisions to the course description in the catalog require the submission of a memo to the Curriculum Committee.]

Introductory course for students having basic computer knowledge and interested in gaining knowledge of digital imaging tools and techniques, and improving their creativity. Topics include Photoshop, digital retouching, digital cameras, inkjet printing, resolution, and scanning.

Is course New, Revised, or Modified? [Modified courses are those which have a new prefix or course number] Revised

Required texts/other materials:

Free Online Video Tutorials from Various Sources / An external storage device such as hard drive or USB stick (minimum 16GB) / Specified Inkjet Paper
Materials needed for this course will cost about $50.00 above the tuition and fee. Wait until the first class meeting before purchasing supplies.

Revision date:  Fall 2016
Course coordinator:  Michael Dalton, 609-570-3835, daltonm@mccc.edu

Information resources: (Describe the primary information resources that support the course, including books, videos, journals, electronic databases, websites, etc. To request new materials for your course, use the library request form at:  www.mccc.edu/student_library_course_form.shtml)

Public Websites that provide: Tutorials – Photographer Biographies – Video Reviews

Other learning resources:  (Describe any other student learning resources that are specific to this course, including any special tutoring or study group support, learning system software, etc.)
**Course Competencies/Goals:** [List the most important 5-8 overall student learning outcomes for your course. Course-level student learning outcomes (or Course Competencies/Goals) are statements that describe the specific, measurable knowledge, skills, and/or values that the student is expected to demonstrate, perform or exhibit after completion of the course. Student learning outcomes should focus on what the students will learn (rather than what the instructor will teach) and must include verbs (explain..., demonstrate..., analyze...) that reflect lower-order and higher-order learning goals.]

*The student will be able to:*

1. Demonstrate the use of a Digital camera with all of its controls, including focusing, viewing, and regulating the shutter speed and aperture control (GE Goal 4)
2. Utilize natural light in an effective way (GE Goal 4)
3. Demonstrate proper exposure under different lighting conditions (GE Goal 4; CS Goal B)
4. Demonstrate proper processing and retouching of digital images (GE Goal 4; CS Goal B)
5. Utilize various digital techniques to create pigment inkjet prints (GE Goal 4; CS Goal B)
6. Evaluate how well an image communicates a concept (GE Goals 1, CS Goals A, B, F)
7. Criticize and defend photographs in a group setting (GE Goals 1, CS Goals A, B, F)

**Course-specific General Education Knowledge Goals and Core Skills.** [To an extent consistent with its primary purposes, each course in every program is expected to reflect the college's commitment to general education, as affirmed in the 2005 General Education Policy. A General Education Course is one whose primary purposes and overall design coincide strongly with one or more of the approved general education goals and objectives. For any approved (or proposed) General Education Course, the General Education Goals and Objectives form (the form identified as the “Gen Ed Attachment”) should be completed and attached to the course outline. Below is a complete list of Mercer's General Education Knowledge Goals and Core Skills. Retain on this course outline the Goals and Skills that pertain to your course and delete those that are not a central part of the course.]

**General Education Knowledge Goals**

**Goal 1. Communication.** Students will communicate effectively in both speech and writing.

**Goal 4. Technology.** Students will use computer systems or other appropriate forms of technology to achieve educational and personal goals.

**MCCC Core Skills**

**Goal A. Written and Oral Communication in English.** Students will communicate effectively in speech and writing, and demonstrate proficiency in reading.

**Goal B. Critical Thinking and Problem-solving.** Students will use critical thinking and problem solving skills in analyzing information.

**Goal F. Collaboration and Cooperation.** Students will develop the interpersonal skills required for effective performance in group situations.

**Units of study in detail.**

**Unit I Camera Basics**

**Learning Objectives**

*The student will be able to...*

- Identify the components that makeup the digital camera (CCG1)
- Utilize a light meter (CCG 1, 2)
- Solve problems with exposure. (CCG 1, 2, 3)
- Employ exposure controls for creative effects (CCG 1, 2, 3)
- Identify how focal length affects the way subject matter appears (CCG 1, 2, 3)
Unit II  
**Digital Darkroom**

**Learning Objectives**

The student will be able to...

- Demonstrate proper workflow in the lab while working with storage devices and the Mac computer (CCG 4)
- Demonstrate logical file management (CCG 4)
- Practice archival workflow through proper file management, software tools, image file formats, and output (CCG 4, 5)
- Utilize appropriate software tools to improve image details and intent (CCG 4, 6)
- Utilize software settings and drivers to create pigment inkjet prints (CCG 5, 6)
- Evaluate projected images and prints for proper exposure, processing, and detail information (CCG 1-6)

Unit III  
**The Critique**

**Learning Objectives**

The student will be able to...

(All of these objectives connect to CCG 6, 7)

- Identify relationships of details in photographs
- Articulate the meaning of photographs
- Debate the qualities of student photographs in a group setting
- Evaluate the overall success of how well a photograph communicates to a group of peers
- Evaluate and Organize the photographs made over the course of a semester into a final presentation

**Evaluation of student learning:**

70% – Assignments/Quizzes

Photo assignments require that you integrate many of the skills and techniques demonstrated in class. The assignment will reinforce technical concepts and require you to investigate what you want to photograph and how you want to treat the subject matter. You will be graded on both technical and creative aspects of your work. Quizzes will test your comprehension of assigned readings and lectures.

15% – Mimic Photographer Presentation

An oral presentation that combines biographical and aesthetic analysis of a well-known photographer with photos made by the photographer and made by the student in the style of the chosen photographer.

15% – Final Presentation

Students will organize their best work into a presentation for a final group critique. Grades are based upon technical and aesthetic concerns as well as participation in the group critique.

**Academic Integrity Statement:**

http://www.mccc.edu/academic_policies.shtml

**Accommodations Policy**

http://www.mccc.edu/student_services_needs.shtml