

# Minnesota State University Moorhead

## PHO 202: Basic Digital Imaging

### A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: 4

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course addresses aesthetic, conceptual and technical concerns in digital photography. Basic level Adobe Photoshop and other relevant software instruction will occur. It is important to note that this course is first and foremost about image making. The computer will be used as any other tool is used in the creation of art. An adjustable digital camera is required (small, medium or large format).

**B. COURSE EFFECTIVE DATES:** 02/01/2017 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

### D. LEARNING OUTCOMES (General)

1. The student will use creativity and aesthetic judgment in producing images for this course. This will be demonstrated using emotional and intellectual concepts, as well as basic elements of art and the principles of design.
2. The student will demonstrate knowledge of input and output resolution considerations when producing images for photographic assignments and in testing.
3. The student will identify and describe theory of Digital Imaging and apply this knowledge in testing and when producing photographic assignments for this course.
4. The student will identify the technology involved when interfacing images with the personal computer and software platform for electronic darkroom work. This knowledge will be demonstrated when producing photographic assignments and in testing.
5. The student will produce a body of work, in print form, which meets a high standard of media control, craftsmanship, and aesthetic consideration. This knowledge will be applied when producing photographs for class assignments.
6. The student will understand color correction in digital imaging. This knowledge will be demonstrated when producing photographic assignments and in testing.
7. The student will utilize CCD scanner hardware to input traditional silver halide technology produced images into the electronic darkroom environment.
8. The student will utilize electronic darkroom applications to produce, manipulate, retouch, enhance, color correct, combine, and synthesize photographic images for hard copy and electronic display. Various grayscale and color modes are investigated.
9. The student will utilize electronic darkroom applications to produce, manipulate, retouch, enhance, color correct, combine, and synthesize photographic images for course assignments. Various grayscale and color modes will be investigated.

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted