

# Minnesota State University Moorhead

## PHO 353: Advanced Digital Imaging

### A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: 2

Lab Hours/Week: 4

OJT Hours/Week: \*.\*

Prerequisites:

This course requires the following prerequisite

PHO 305 - Photographic Lighting

Corequisites: None

MnTC Goals: None

Students will continue to develop their creative conceptualization skills and practice using advanced-level techniques in Adobe Photoshop and Lightroom as they create a number of visually compelling images. Projects will address visual problem solving for commercial applications and digital imaging as an emerging medium in fine art. Students should have basic knowledge of Photoshop and design composition skills prior to registering for this course.

**B. COURSE EFFECTIVE DATES:** 08/21/2017 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Advanced Digital Imaging: Adobe Photoshop and Lightroom
2. Color Calibration
3. Advance color workflow
4. Stop motion animation
5. Printing large format
6. Advance printing techniques
7. Image concept development

### D. LEARNING OUTCOMES (General)

1. Identify advance 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.
2. Identify and describe theory of Digital Imaging and apply this knowledge in testing and when producing photographic assignments for this course.
3. Identify and understand advanced color workflow.
4. 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.
5. Understand advanced color calibration from camera to print.
6. Understand and apply stop-motion animation techniques to create animations that take advantage of photography.
7. 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.

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

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted