



CAMERA SKILLS — PHOT 1050

A. Course Description

- **Credits:** 2.00
- **Lecture Hours/Week:** 1.00
- **Lab Hours/Week:** 1.00
- **OJT Hours/Week:** 0
- **Prerequisites:** None
- **Corequisites:** None
- **MnTC Goals:** None

This course gives the student a introduction to most of the controls and adjustments available on today?s complicated digital SLR cameras. Through hands-on projects we will experiment with both manual and automatic exposure controls with a main emphasis in exposure control, depth-of-field, and motion adjustments. Discussion of camera types, lenses types and uses, and accessories will compliment the practice of capturing images that illustrate composition and storytelling. An introduction to management of images and proofing techniques will be included. This course is specially designed for those who plan to make a career out of providing photographic services.

B. Course Effective Dates: 7/1/17 – Present

C. Outline of Major Content Areas

As noted on course syllabus

D. Learning Outcomes

1. Create digital 8x10 enlargements
2. Create digital contact sheets
3. Describe a lens aperture.
4. Describe cropping techniques.
5. Describe depth of field principles and adjustments.
6. Describe differences between exposure modes.
7. Describe digital resolution and file settings.
8. Describe elements of composition
9. Describe the rule of thirds.
10. Download, rename, and organize images
11. Expose a bracketed series
12. Expose a depth-of-field series.

13. Expose a shutter speed series
14. Identify and adjust white balance
15. Identify images with fast and slow shutter-speed techniques.
16. Identify lens focal-length types
17. List shutter speeds and apertures.
18. Make a series of equivalent exposures.
19. Operate a manually adjustable digital camera.
20. Prepare photos for presentation
21. Research digital camera specifications
22. Understand ISO ratings and their uses
23. Understand difference between RAW and jpeg images
24. Understand digital camera terminology
25. Understand exposure "stop" terminology.
26. Use different exposure modes
27. Use the six guidelines of good composition.

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

F. Learner Outcomes Assessment

As noted on course syllabus

G. Special Information

None noted