COLOR MANAGEMENT — PHOT 1510

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 builds on the skills introduced in the prerequisite courses by providing advanced color theory and practical application of digital color management techniques by using various types of calibration equipment. At the heart of this course is a thorough understanding of color theory, color application, color recognition and color adjustments as it relates to the production of high-quality color images. The student will use various monitor calibration and profiling techniques to develop a system of consistent and predictable image quality. An introduction to small and large format printing will enhance the application of these new skills. Prerequisites: PHOT 1310, PHOT 1320 concurrent

B. **Course Effective Dates:** 8/21/17 – Present

C. **Outline of Major Content Areas**

As noted on course syllabus

D. **Learning Outcomes**

1. adjust image resolution correctly
2. create test print slices
3. define aspect ratios
4. define, adjust, and convert color spaces
5. describe and perform cropping
6. describe color gamut issues
7. describe eyedropper set points
8. describe printing procedures
9. evaluate print quality and problems
10. explain RGB vs CMYK modes
11. explain interpolation
12. explain subtractive printing colors

13. identify color issues on test prints
14. list & describe primary, secondary and complimentary light colors
15. locate and load custom paper profiles
16. perform color corrections using curves
17. perform color corrections using levels
18. perform monitor calibration
19. print 4x6 test prints
20. produce a 11 x 14 print
21. produce a 5 x 7 print
22. produce a 8 x 10 print
23. use Photoshop color adjustment tools
24. use Photoshop info palette
25. use good color management techniques
26. use soft-proofing techniques

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

F. **Learner Outcomes Assessment**

As noted on course syllabus

G. **Special Information**

None noted