



## ADVANCED SOFTWARE — PHOT 1610

### 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 will bring the student to the advanced level of image processing by building on the tools and skills from PHOT 1310 Lightroom and PHOT 1320 Photoshop for Photographers. This project-based course will simulate many real-life projects and challenges that a photographer will face in this industry. Some of the skills that students will be expected to master will be advanced portrait retouching, non-destructive based editing, image enhancement, corrective techniques, creating composites and solving image problems. Prerequisites: PHOT 1050, PHOT 1310, PHOT 1320

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

### C. Outline of Major Content Areas

As noted on course syllabus

### D. Learning Outcomes

1. analyze image for color issues.
2. calibrate computer monitor
3. convert images to grayscale.
4. create advanced workflow overview
5. demonstrate knowledge of file formats
6. demonstrate proficiency in image retouching
7. demonstrate selective coloring.
8. demonstrate use of masks
9. demonstrate workflow skills and knowledge
10. enhance portrait images
11. organize images and create contact sheets
12. prepare images for output

13. repair common image issues
14. set PS and LR environments for working parameters.
15. use advanced PhotoShop layer techniques.
16. use borders and layer effects on images
17. use common editing shortcuts.
18. use different layer modes.
19. use layers to dodge and burn.
20. use non-destructive editing techniques
21. use various color correction techniques

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

**F. Learner Outcomes Assessment**

As noted on course syllabus

**G. Special Information**

None noted