Course Outline for: ART 1114 Introduction to Digital Photography

A. Course Description
1. Number of credits: 3
2. Lecture hours per week: 1
   Lab/Studio/Clinical hours per week: 4
3. Prerequisites: None
4. Corequisites: None
5. MnTC Goals: 6

Introduction to the technical and conceptual practices of photography and digital technology as a creative medium. Camera operation and techniques, composition and design, digital image capture, related software, and digital output using the computer as a digital darkroom for creating photographic images. Development of critique and related vocabulary.

B. Date last reviewed: January 2022

C. Outline of Major Content Areas
1. The Image: using the computer as a tool to generate images, the use of the camera and its accessories as capture, basic composition and design, and photographic image as a creative art form
2. Artistic Influences: historical issues of fine art photography and its relationship to current digital technologies
3. Equipment and Software overview: digital cameras vs. film, scanners as capture, and printers
4. Output: paper types, size and resolution, experimental techniques, and presentation: matting, mounting
5. Aesthetics and critical analysis

D. Course Learning Outcomes
Upon successful completion of the course, the student will be able to:
1. Demonstrate the ability to use computer software to upload, download, apply image correction, edit and create print ready digital images. MnTC Goal 2 (A); Goal 6 (D)
2. Demonstrate the ability to use technical skill by successfully completing a variety of digital imaging assignments. MnTC Goal 2 (A); Goal 6 (A,C,D)
3. Explain the basic visual elements and principles of design present in all works of art, and explain works of art in terms of these elements and principles. MnTC Goal 6 (A,C,D)
4. Create original files and photographs which explore a variety of formal and conceptual problems, demonstrate a visual vocabulary and make effective aesthetic judgments. MnTC Goal 2 (B); Goal 6 (A,C,D)
5. Analyze historic and contemporary photography: styles, techniques, terminology, and materials. MnTC Goal 6 (A,B,C)

6. Explain and evaluate the relationship between the fine arts and the development of culture. MnTC Goal 6 (A,B,C)
7. Explain and evaluate the effectiveness of personal digital imagery and the work of others through critique. MnTC Goal 2 (D); Goal 6 (C,E)
8. Demonstrate an understanding of health and safety issues within the discipline.

E. Methods for Assessing Student Learning
1. Instructor's record of student's active participation in the class as demonstrated by
2. regular attendance, preparation, class discussions, and group or individual critiques.
3. Instructor's record of student's understanding of discipline appropriate terminology and concepts as demonstrated in critiques, whether oral, written, group, or individual.
4. Instructor's analysis of student's well-presented, completed work that demonstrates comprehension, exploration, and strong technical skills.
5. Exams focusing on discipline specific terminology, historical concepts, and processes.
6. Written work (essays, critical response papers, research projects, and etc.) using discipline appropriate terminology and appropriate academic style.

F. Special Information:
In addition to class time, students work a minimum 4 hours outside of class per week.