COMMON COURSE OUTLINE: Course discipline/number/title: ART 2286: Photo Lighting Techniques

A. CATALOG DESCRIPTION
   1. Credits: 3
   2. Hours/Week: 6
   3. Prerequisites (Course discipline/number): ART 1184
   4. Co-requisites (Course discipline/number): None
   5. MnTC Goals (if any): NA

This course emphasizes natural and artificial photography lighting as a creative and practical means to create images for artistic and commercial purposes. Studio, flash and tungsten lighting will be introduced to photograph a variety of subject matter including: still life, portraiture, tabletop, and on location environments. Media presentations, discussion and studio critiques will address photographic theory and history, interpretation and analysis.

B. DATE LAST REVISED (Month, year): February, 2014

C. OUTLINE OF MAJOR CONTENT AREAS:
   This study of photographic lighting will examine the aesthetic, historical and technical concerns of artificial lighting. Instruction will include:
   1. Origins and history of photographic light sources, materials and photographic application
   2. Lighting considerations when interpreting and judging photographs
   3. Properties of Light
   4. Basic qualities of light and photographic materials
   5. Artificial lighting equipment and function
   6. Light setups and styles for portrait, product, still life and on location photography.

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
   1. Define and demonstrate an understanding of properties of light and light setups and styles.
   2. Identify and describe function for lighting equipment, systems, light modifiers and backgrounds.
   3. Describe and utilize various lighting equipment, systems, light modifiers and backgrounds.
   4. Operate both electronic flash and continuous light equipment.
   5. Apply lighting and posing techniques for portrait and figure photography.
   6. Apply lighting and arrangement techniques for product and still life photography.
   7. Demonstrate correct metering for film and digital capture in artificial light settings.
   8. Respond critically for content, quality and composition in one’s own and others photographic images.
   9. Critically select and prepare an exhibition quality portfolio of prints using the principles and techniques or artificial lighting.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:
   1. Papers
   2. Projects
   3. Print Portfolio

G. RCTC CORE OUTCOME(S) ADDRESSED:
   ☐ Communication ☐ Civic Responsibility
   ☒ Critical Thinking ☐ Personal/Professional Accountability
   ☐ Global Awareness/Diversity ☐ Aesthetic Response

H. SPECIAL INFORMATION (if any):
The initial lab sessions explains and familiarizes the student with general safety hazards and safety equipment in the lab. During the pre-lab discussion, the hazardous characteristics of the chemicals used during the lab are discussed. The students will be instructed on the proper disposal of any hazardous products. The instructor will direct all students to wear necessary protective equipment while working with the chemicals used is available in the lab.