COLOR AND LIGHT — IDES 2108

A. Course Description

- **Credits:** 3.00
- **Lecture Hours/Week:** 2.00
- **Lab Hours/Week:** 1.00
- **OJT Hours/Week:** 0
- **Prerequisites:** None
- **Corequisites:** None
- **MnTC Goals:** None

This course continues the study of color principles, theory and psychology, and how color affects people and interior space. Light sources, lighting systems, environmental factors and lighting design methods will also be studied. Students will investigate the dynamics of color and light in interior environments while developing knowledge of lighting techniques and their effects. Prerequisites: NONE

B. Course Effective Dates: 7/1/16 – Present

C. Outline of Major Content Areas

As noted on course syllabus

D. Learning Outcomes

1. Define color and lighting terms used in the industry
2. Demonstrate associations and affects of color, basic light calculations, and the effective use of color and light in a space.
3. Identify light sources, light controls, luminaire types, and the physiological and psychological effects of color.
4. Demonstrate the proper way to analyze a room’s light level and daylighting and then create a lighting plan including a reflective ceiling plan.

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

F. Learner Outcomes Assessment

As noted on course syllabus

G. Special Information
None noted