

Date Prepared: March 1999

New Revised
(Check One)

Effective Date: Spring 1999

COURSE OUTLINE

COURSE PREFIX and NUMBER: ART 132

CREDIT HOURS: 4

COURSE TITLE: Fundamentals of Design II

PREREQUISITES: None

COURSE DESCRIPTION: Explores the concepts of two- and three-dimensional design and color. May include field trips as required. Lecture 2 hours. Studio instruction 4 hours. Total 6 hours per week.

CONTENT:

- a. Dimensions of Color
 1. Hue
 2. Saturation
 3. Brightness
- b. The physical aspects of color
 1. Stimulus (pigments and surfaces)
 2. Light
 3. Light sources (natural and artificial)
- c. The physiological aspect of color
 1. Optical system of the eye
 2. The receptor system of the eye
- d. The Psychophysical aspects of color (color response as affected by spatial within the visual field – interaction of color)
 1. Simultaneous contrast
 2. Successive color contrast
 3. After image
- e. Color Mixing
 1. Additive
 2. Averaging
 3. Subtractive
- f. The psychological aspects of color and color association
 1. Objective meaning
 2. Subjective meaning
- g. Classification Systems: The color wheel
 1. Primary colors
 2. Secondary colors
 3. Complements and complementary chromatic grays
 4. Colorimetry
- h. Analysis of Visual Images and the meanings associated with them
- i. Nature of Materials
 1. Integrity of materials
 2. Integrity of form

GENERAL COURSE OBJECTIVES:

Upon successful completion of the course, the student will be able to:

- a. Apply their knowledge of basic color theory
- b. Understand selected materials, tools, and techniques associated with color mixing
- c. Apply the concepts presented using transparent and opaque water-based media and color papers
- d. Apply concepts using selected two and three dimensional media
- e. Understand an introduction to presentation techniques including the use of adhesives, mounting, and matting