Effective: Spring 2020
Last Reviewed: 10/18/2019

Course Outline

BASIC COURSE INFORMATION

Course Number: ART 229
Course Title: COLOR
C-ID Number: C-ID ARTS 270

Total Student Hours and Credit			
		Hours/Week	Hours/Term
Lecture Hours	in-class	2.00	36.00
	out-of-class	4.00	72
Lab Hours	in-class	4.00	72.00
	out-of-class	0	0
Activity Hours	in-class	0	0
	out-of-class	0	0
TBA Hours Per Term			0
Total Student Hours Per Term:			180.00
Hours-per-unit Divisor			54.00
Units of Credit:			3.00

Fall semester term is 18 weeks. Spring semester term is 17 weeks. The term length multiplier is 17.5 weeks. Curriculum is calculated based on 18 weeks.

Status Pending

Catalog Description:
Presents the physical nature of color and the theory of color. Studio projects explore primary systems, color properties, interaction, strategies and expressive qualities of color. Investigates the physiological, psychological, symbolic, and cultural aspects of color.

Schedule Description:
Presents the physical nature of color and the theory of color. Studio projects explore primary systems, color properties, interaction, strategies and expressive qualities of color. Investigates the physiological, psychological, symbolic, and cultural aspects of color. Prerequisite: ART 220 with a minimum grade of C or better. Transfer: CSU; UC. (Formerly ART129)

Prerequisites:

- ART 220: FUNDAMENTALS OF 2-D DESIGN with a minimum grade of C or better

Division: Fine Arts
Department: Art
Minimal Qualification Discipline Designation (MQDD): Art
Degree Applicability: Credit - Degree Applicable
Methods of Instruction:

- Lecture and/or discussion
- Laboratory/Studio/Activity
- Lecture/Lab

Grading Method:

- Letter Grade or P/NP

Repeatability: 0
Course Cap: 24

STUDENT LEARNING OUTCOMES

1. Successfully apply color theory methods of color properties, interaction, strategies, and expressive qualities to visual compositions
2. Discuss psychological and physiological aspects of color.

COURSE CONTENT

Objectives:
Upon completion of this course the student will be able to:

1. Define the color spectrum.
    - Group Work
    - Internet Research
    - Written/Typed Homework
2. Discuss the history of color theory and contributions made by color theorists.
    - Group Work
    - Internet Research
    - Written/Typed Homework
3. Define additive and subtractive color systems and their appropriate applications.
    - Class Performance(s)
    - Group Work
    - Internet Research
    - Written/Typed Homework

4. Distinguish the digital color systems and their appropriate applications.
    - Class Performance(s)
    - Group Work
    - Internet Research
    - Performance Exams
    - Written/Typed Homework
5. Demonstrate the use of color properties and illusionistic space in color compositions and color exercises.
    - Class Performance(s)
    - Performance Exams
6. Mix a wide range of hues including prismatic colors, muted hues, tints and shades, and chromatic grays with paint.
    - Class Performance(s)
    - Performance Exams
7. Create color compositions using specific color strategies.
    - Class Performance(s)
    - Performance Exams
8. Analyze color interaction in compositions of master artists' work and classwork.
    - Class Performance(s)
    - Group Work
    - Internet Research
    - Written/Typed Homework
9. Define the structure of the eye, how we see, how other species see differently, after images.
    - Class Performance(s)
    - Group Work
    - Internet Research
    - Written/Typed Homework
10. Discuss how color creates emotional responses and moods. Employ the Luscher color test.
    - Class Performance(s)
    - Performance Exams
11. Relate how specific hues have various meanings in different cultures.
    - Class Performance(s)
    - Group Work
    - Internet Research
    - Performance Exams
    - Written/Typed Homework
12. Recognize and discuss expressive color qualities of master artists' works.
    - Class Performance(s)
    - Group Work
    - Internet Research
    - Performance Exams
    - Written/Typed Homework

Topics & Scope:

1. Electromagnetic spectrum; color as light, the color spectrum.
   (Obj 1)
2. Historical overview of color theory and systems, color wheels and solids. Includes theories and contributions of Aristotle, Leonardo, Newton, Ostwald, Munsell, Birren, Albers, etc.
   (Obj 1, 2, 3)
3. Additive and subtractive color systems, their primaries and secondaries, traditional and contemporary.
   (Obj 3)
4. Digital color systems and spaces: RGB, CIE-Lab, HSB, CYMK, etc.
   (Obj 4)
5. The properties of color: hue, saturation and value. Color temperature, color use in creating the illusion of space.
   (Obj 5)
6. Subtractive color mixing: secondaries, intermediates, tertiaries.
   (Obj 6)
7. Color strategies: monochromatic, triads, analogous, complementary and split complements.
   (Obj 7)
8. Color interaction, the rule of simultaneous contrast and color relativity. Examples of color interaction in master artworks.
   (Obj 8)
9. The physiological aspects of color: how do we see color? The structure of the eye: rods, cones, and fovea; color deficiencies. Differences in visual perception within a variety of species. After images, successive contrast, optical illusions.
   (Obj 9)
10. Emotional responses to color, moods. The psychology of color, the Luscher Color Test, theories of chromotherapy.
    (Obj 10)
11. The symbolic aspects of color and cultural differences.
    (Obj 11)
12. Media presentations of master artists' works and their expressive use of color.
    (Obj 12)

Assignments:
Examples of independent assignments to fulfill 72 total hours of required out-of-class work:

1. Research of human visual perception and another species to compare and contrast eye structure, visible spectrum and correlation to habitat. Development of information drawing to express findings. (Obj 7, 9)
2. Students will photograph a subject at different times of the day in different lights throughout semester. This will result in a documentation project of color changes as seen through various qualities of light. (Obj 1, 5, 7, 10)
3. Students will keep a journal/sketchbook. This will include independent research and project studies. Class participation and assignments require and develop critical

thinking. (Obj 1, 2, 3, 5, 8, 10, 11, 12)

Class participation and assignments require and develop critical thinking.

1. Series of color problems from the "Interaction of Color" by Josef Albers. Students must solve color problems through a process of analyzing color interaction and creating color situations. Examples of Albers problems: - Make three colors look like four. Select two different colors to be used as ground colors and place side by side. Then choose a third color that will, when placed in small quantities upon each ground, look different from each other. - Make four colors look like three. Select two different colors to be used as ground colors and place side by side. Then select two other colors that, when placed in small quantities upon the ground colors, will appear the same color. (Obj 2, 3, 5, 6, 7, 8)
2. Apply color strategies within creative painted and collaged compositions. This requires analysis and application of color theory. (Obj 1, 2, 3, 5, 6, 7, 8, 10, 11, 12)
3. Class critiques include analysis of color properties, interaction, and methodology as well as evaluation of expressive and symbolic content. (Obj 1, 2, 3, 4, 5, 8, 10, 11, 12)

Methods of Evaluation:

- Written/Typed Homework
- Field Work
- Class Performance(s)
- Sketchbook/Journal, Class Critiques.

Texts, Readings, and Materials:

- **Textbooks**
  Kassia St Clair *The Secret Livese of Color* (First/e). Penguin Books , New york (2017).

UC Transfer Course

University of California, Santa Barbara

CSU Transfer Course

California Polytechnic State University