I. OVERVIEW
The following information will appear in the 2011 - 2012 catalog

INTDS 120 Color Theory and Application 3 Units

Basic color theory and its application to interior design and other related fields. Exploration of the impact of cultural heritage, the effects of environment, and the psychological implications related to the application and use of color.

Field trips might be required. (A-F or P/NP - Student choice) Lecture
Transfer: (CSU)

II. LEARNING CONTEXT
Given the following learning context, the student who satisfactorily completes this course should be able to achieve the goals specified in Section III, Desired Learning:

A. COURSE CONTENT

1. Required Content:

   a. Introduction to the design process using the elements and principles with an emphasis on color
   b. Nomenclature related to color and interior design
   c. Color attributes of hue value, and chroma
   d. Color schemes including issues related to culture, history, symbolism, religion and geographic location
   e. Psychological factors related to specific design applications such as health care and marketing
   f. Mixing and creating color: light vs paint
   g. Manipulation of perception of space through color
   h. Relationship of color to light and vision
   i. Color systems including Munsell, CIE, and Prang
   j. Application of color theory in related fields: interior design, architecture, textiles, product development, landscape, and graphic design
   k. Methods for specifying color in materials and resources
   l. Color forecasting and trends
   m. Historical preservation and product development based on color and style
   n. Presentation of color concepts in written, oral and graphic form
   o. Careers related to specialization in color such as colorist, historical preservation consultant, manufacturer's consultant for product design and marketing
   p. Review of competencies required for professional examinations and certification
B. HOURS AND UNITS

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3 Units

C. METHODS OF INSTRUCTION (TYPICAL)

Instructors of the course might conduct the course using the following method:

1. Lecture
2. Multi-media presentations
3. Collaborative projects
4. Technology medicated instruction
5. Discussion
6. Interactive assignments
7. Role-playing

D. ASSIGNMENTS (TYPICAL)

1. EVIDENCE OF APPROPRIATE WORKLOAD FOR COURSE UNITS

Time spent on coursework in addition to hours of instruction (lecture hours)

   a. Weekly readings from texts and professional publications.
   b. Field work related to the various topics covered in lecture.
   c. Creation of a resource binder containing examples of numerous color harmonies in the context of the interior environment.
   d. Creation of visual representations of interior environments in which the colors have been manipulated to change the perception of boundaries, size, height, and emphasis.
   e. Completion of a comprehensive Munsell resource book that includes a broad range of all dimensions of the principle and intermediate hues.

2. EVIDENCE OF CRITICAL THINKING

Assignments require the appropriate level of critical thinking

   a. Prepare a color wheel illustrating the hue, value, and chroma of the principle and intermediate colors in the Munsell Hue Circle.
   b. Create an interior environment and identify the materials and resources by hue, value and chroma, using the Munsell notation system.
   c. In order to incorporate a specific paint color into a CAD/D program, use the Munsell notation system and a color deck from Dunn Edwards Paints, to convert a specific color to the RGB system.
   d. Learning how to use color to manipulate the apparent height of a room or to diminish its size.
E. **TEXTS AND OTHER READINGS (TYPICAL)**


III. **DESIRED LEARNING**

A. **COURSE GOAL**

*As a result of satisfactory completion of this course, the student should be prepared to:*

- demonstrate knowledge of color theory and its application to interior design and related fields.

B. **STUDENT LEARNING GOALS**

*Mastery of the following learning goals will enable the student to achieve the overall course goal.*

1. **Required Learning Goals**

   *Upon satisfactory completion of this course, the student will be able to:*

   a. Compare and contrast the dimensions of color (hue, value, and chroma) in various interior environments.

   b. Demonstrate the manipulation of the elements and principles of design, through the application of color, in two and three dimensional presentations of interior architecture and furnishings.

   c. Demonstrate the influence of culture and geography on the selection of color in the interior environment.

IV. **METHODS OF ASSESSMENT (TYPICAL)**

A. **FORMATIVE ASSESSMENT**

1. Review of completed Munsell notation book

2. Student presentations, both visual and oral

3. Quizzes

4. Interactive activities and assignments

B. **SUMMATIVE ASSESSMENT**

1. Evaluation of portfolio containing finishes and materials for interiors, organized by attributes of color and based on the Munsell system of notation

2. Critique of presentation board illustrating a design solution, including a detailed color scheme, identified by type, selections of interior finishes including paint, textiles and other interior materials identified by their hue, value and chroma, and reflecting specific cultural heritage.

3. Final exam