

RARITAN VALLEY COMMUNITY COLLEGE
ACADEMIC COURSE OUTLINE

INTR 114 Color and Material Investigations

I. Basic Course Information

A. Course Number and Title: INTR 114 Color and Material Investigations

B. New or Modified Course: new

C. Date of Proposal: Semester: Spring Year: 2011

D. Sponsoring Department: Visual and Performing Arts

E. Semester Credit Hours: 2 credits

F. Weekly Contact Hours: 3 Lecture: 1
 Laboratory: 2

G. Prerequisite: INTR110 Design Drawing I

H. Laboratory Fees: Yes

I. Name and Telephone Number or E-Mail Address of Department Chair:
Ann Tsubota, atsubota@raritanval.edu

II. Catalog Description

Prerequisite: INTR110 Design Drawing I

This course is a foundation course for Interior Design. This course combines classic color theory with materiality and specifications for interior design. Through traditional and digital techniques students will investigate the characteristics of color and materials for interior environments. This course gives the student the knowledge to select interior textiles, finishes, and materials appropriate to fit the needs of a project's aesthetics, performance, and respect for humans and the environment. Students will design projects and create designs based on the material and color applications explored in class. Students will be required to purchase some art/design supplies.

III. Statement of Course Need

This course is a program requirement for the Associate of Science in Interior Design. It creates a foundation of universal color principles and the material aspects of Interior Design.

IV. Place of Course in College Curriculum

- A. Free Elective
- B. The course is a program requirement for the Associate of Science in Interior Design and for the Interior Design Certificate.
- C. Course transferability: this course will transfer to most two and four-year schools as a foundation interior design course or a free elective, and to four-year design programs such as Kean University, NJIT and SVA.

V. Outline of Course Content

- A. Color
 - 1. Theory - Itten and Albers and other major color theorists
 - 2. Color Models
 - 3. Color Harmony
 - 4. Color in Context
 - 5. Electronic vs. reflective color
 - 6. Color palettes
- B. Materials in Interior Design
 - 1. Palettes
 - a. Neutral
 - b. Monochromatic
 - c. Analogous
 - d. Complimentary
 - 2. Sustainable Materials
 - a. USGBC
 - b. LEED
 - c. Cradle to Cradle
 - 3. Finish Selections and Specifications
 - a. Concrete
 - b. Stone & Masonry, Glass & Ceramic
 - c. Wood & Wood Products,
 - d. Metals
 - e. Synthetics, Finish Flooring Comparisons
 - 3. Textiles
 - a. Fundamentals
 - b. Evaluations
 - c. Classifications
 - d. Fibers and Yarns
 - e. Weaves
 - f. Color
 - g. Performance
 - h. Fire
- C. Presentation of Materials
 - 1. Traditional/Physical Presentation
 - 2. Digital Presentation
- D. Application of color and material studies to a conceptual interior design project

VI. Educational Goals and Learning Outcomes

A. Educational Goals

Students will:

1. Apply basic color theory in design communication. (GE-NJ 1, 3)
2. Research and document appropriate materials for interior design specifications. (GE-NJ 1, 2, 4)
3. Evaluate applicable benefits and disadvantages of design materials.
4. Apply color and materials to support interior design concepts and development. (GE-NJ 1, 2)
5. Produce digital and traditional design presentations, integrating color and materiality in the design intent. (GE-NJ 1, 2, 4)

B. Learning Outcomes

Upon completion of this course students will be able to:

1. Create finish palettes that express an understanding of color, texture, scale, adjacencies, and light.
2. Utilize the proper terminology when discussing materials and styles.
3. Integrate concepts of interior detailing, installation, safety and quality standards.
4. Interpret the application of basic color theory to interior design.
5. Apply color and materiality to support conceptual design of interior space.
6. Recognize sustainable options for interior design.
7. Craft quality presentations of color and material through traditional and digital methods.

VII. Modes of Teaching and Learning

- A. Lecture/discussion
- B. Instructor demonstrations
- C. In class and Homework drawing projects
- D. Assigned readings
- E. Final Design project/presentation
- F. Individual and group critiques

VIII. Examinations, Projects and other Assessment Instruments

- A. Final design project/presentation
- B. Quizzes/Exams
- C. Oral Presentation/Informative Dialogue
- D. Design projects
- E. In class projects

IX. Grade Determinants

- A. Active participation in class discussions/activities
- B. In class lab work
- C. Completion, accuracy and craftsmanship of drawing assignments
- D. Final Design Project/Presentations

X. Texts and Materials

A. Suggested Textbooks:

Dimensional Color by: Lois Swarnoff, W.W. Norton and Company

Interaction of Color by: Albers, Joseph. Yale University Press,

The Elements of Color by; Itten, Johannes. Van Nostrand Reinhold Company, New York: 1970.

A Grammar of Color: A Basic Treatise on the Color System of Albert H. Munsell by: Birren, Faber ed, Van Nostrand Reinhold Company, New York: 1969.

Materials for Interior Environments by Corky Binggeli, Wiley, John & Sons,

Incorporated

Textiles for Residential & Commercial Interiors, Third Edition, by: Amy Willbanks, N. Oxford, D. Miller, S. Coleman, Fairchild Books

(Please Note: The course outline is intended only as a guide to course content and resources. Do not purchase textbooks based on this outline. The RVCC Bookstore is the sole resource for the most up-to-date information about textbooks.)

B. Materials:

Students will purchase drawing/drafting and presentation materials, media to print and drives to store digital files.

XI. Resources

A. Design Studio with drafting tables and portable drafting boards

B. Projector for digital lectures on drawing concepts

C. Tack boards for critiques.

D. Material and finish library

Additional resources:

A. Computer lab with web access and appropriate software

B. Wide format color plotter for drawings and presentations

C. College Library (database access to art, architecture and interior design)