

Department of Art Syllabus

I. ART 372 *Interior Design IV*, 3 Credit Hours

II. PRE-REQUISITES: ART 371

III. TEXTBOOK

Required from previous courses:

Ballast, David. (2007, Fifth Edition). *Interior Design Reference Manual*. Professional Publications, Inc.

Harmon, S., & Kennon, K. (2008, Fourth Edition). *The codes guidebook for interiors*. Wiley.

Kilmer, O & Kilmer, R. (2009). *Construction drawings and details for interiors*. Wiley and Sons.

Mitton. (2012). *Interior design visual presentation: a guide to graphics, models, and presentation techniques*. (Fourth Edition). John Wiley & Sons, Inc.

IV. COURSE DESCRIPTION

Emphasis on contract design that reflects knowledge and application of codes published by the International Code Council and National Fire Protection Association including plumbing, mechanical, electrical, communications, and finish/furniture selection requirements.

V. RATIONALE

The professional interior designer must have a working knowledge of plumbing, mechanical, electrical, communications, and finish/furniture selection codes in order to insure the safety and well-being of users of commercial/contract interior spaces. Application of these codes in the renovation of existing spaces and new construction is important to the design profession.

VI. LEARNING OBJECTIVES AND OUTCOMES

- A. The student will be able to distinguish between codes and standards as they apply to local, state, and federal levels.
- B. The student will be able to identify plumbing, mechanical, electrical, and communications codes and their relationship to space planning and the specifications.
- C. The student will be able to identify major fire performance testing methods used for interior finishes, upholstery and furniture.
- D. The student will be able to select materials suitable for public buildings with reference to performance criteria, codes and regulations.

- E. The student will be able to identify and select security systems needed for a building.
- F. The student will be able to apply specifications for barrier-free environments.
- G. The student will be able to create commercial spaces outlined by course requirements that comply with code requirements learned in this course and previous courses.
- H. The student will be able to professionally present major design projects that reflect creative thought, clarity, and attention to detail.
- I. The student will be able to work on a cross-curriculum project in a team setting

VII. COURSE TOPICS

- A. Application of plumbing codes
- B. Application of mechanical codes including thermal design
- C. Application of electrical codes
- D. Application of communication systems including security systems
- E. Application of Universal Design principles in a commercial space
- F. Research application in a specialized spatial design
- G. Material selection in compliance with building and fire codes.
- H. Branding and logo designs, signage: cross-curriculum project with graphic design students

VI. EVALUATION

See Department of Art Syllabus Addendum for Grading Scale

VII. REFERENCES

- Americans with Disabilities Act Handbook*. (1990). Equal Employment Opportunity Commission and the U.S. Department of Justice.
- Belvin, M. (1985). *Design through discovery*. New York: Holt, Rinehart & Winston.
- Ching, F. (1985). *Architectural graphics*. New York: Van Nostrand Reinhold.
- Ching & Bingelli. (2005). *Interior Design Illustrated*. Hoboken, NJ. John Wiley and Sons. (Second Edition)
- De Chiara, J., Panero, J., Zelnik, M. (1991). *Time-Saver Standards for Interior Design and Space Planning*. New York: McGraw-Hill.
- Doyle, M. E. (2008). *Color drawing: a marker/colored-pencil approach for architects, landscape architects, interior and graphic designers, and artists*. New York: Van Nostrand Reinhold.

- Jones, Lynn M. and Allen, Phyllis S. (2009). *Beginnings of Interior Environments*. (10th Edition). Pearson Prentice Hall.
- Mitton. (2012). *Interior design visual presentation: a guide to graphics, models, and presentation techniques*. (Fourth Edition). John Wiley & Sons, Inc.
- N.F.P.A. 101: Life Safety Code*. (1997). National Fire Protection Association.
- Reznikoff, S. (1986). *Interior Graphic and Design Standards*. New York: Whitney Library of Design.