

SYLLABUS: ART 372 Interior Design IV

Spring 2006

- I. COURSE TITLE
ART 372 *Interior Design IV* 3 sem. hrs.
- II. PREREQUISITES
ART 371
- III. TEXTBOOKS
- Harmon, S. H. (1994). The Codes Guidebook for Interiors. New York: John Wiley & Sons, Inc.
- National Fire Protection Association. (1997). NFPA 101: Life Safety Code (1997 ed.). NFPA: Author.
- Reznikoff, S. (1979). Specifications for commercial interiors: Professional liabilities, regulations, and performance criteria. New York: Watson-Guptill Publications.
- IV. COURSE DESCRIPTION
Emphasis on a contract portfolio project that reflects knowledge and application of the Standard Building Code, Americans with Disabilities Act, and the NFPA Life Safety Code.
- V. RATIONALE
The professional interior designer must have a working knowledge of building and fire codes in order to insure the safety and well-being of users of commercial/contract interior spaces. Application of fire and building codes in the renovation of existing spaces is especially generic to the design profession. The goal is to apply the concept of form follows function to the building and code requirements established at the local, state, and federal levels.
- 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 major fire codes and their relationship to space planning and the specification of surface finishes and furnishings.
 - 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 apply specifications for barrier-free environments through practical application of a major design problem.
 - F. The student will be able to create a commercial space as outlined by course requirements that complies with code requirements.
 - G. The student will be able to estimate floor, wall, and window coverings using Reznikoff's

method.

H. The student will be able to professionally present a major design project that reflects creative thought, clarity, and attention to detail.

I. The student will be able to identify moral and ethical considerations that relate to the specification of materials.

VII. COURSE TOPICS

The major topics to be considered are:

- A. Application of building codes.
- B. Application of fire codes.
- C. Regulations, codes, and standards
- D. Quality control
- E. Material selection in compliance with building and fire codes.
- F. Estimations of wall and floor coverings and surface finishes.
- G. Specification of open office systems furniture
- H. Specifications for barrier-free public interiors
- I. Americans with Disabilities Act
- J. Professional presentation of a major design project

VIII. INSTRUCTIONAL METHODS AND ACTIVITIES

Methods and activities for instruction will include:

- A. Lecture/discussion
- B. Studio Activities
- C. Research Activities

IX. ASSIGNMENTS

- A. Estimations of floor, wall, and window coverings for Major Design Project
- B. Major Design Project
 - 1. Design Concept
 - 2. Design Program
 - 3. Floor Plan with Furniture and Builtins
 - 4. Reflected Ceiling Plan
 - 5. Front Exterior Elevation in Color
 - 6. Materials Boards Keyed to Floor Plan with appropriate Schedules
 - 7. Interior Perspective Drawing
 - 8. Three-dimensional Model
 - 9. Formal Presentation of Design Project

X. EVALUATION

The student will be responsible for the following:

- A. Research Assignments / Quizzes / Estimations 10%
- B. Major Design Project 90%

1. Design Concept and Design Program	5%
2. Floor Plan with Furniture and Builtins	30%
4. Front Exterior Elevation in Color	10%
5. Reflected Ceiling Plan	5%
6. Materials Boards Keyed to Floor Plan with appropriate Schedules	15%
7. Interior Perspective Drawing	15%
8. Three-dimensional Model	15%
9. Formal Presentation of Design Project	5%

XI. LIST OF MATERIALS

<i>Drafting equipment</i>	<i>White Glue</i>
<i>Illustration Board</i>	<i>Scissors</i>
<i>Perspective Grid</i>	<i>Straight Edge</i>
<i>Drawing Board</i>	

XII. REFERENCES

A. Bibliography

- Americans with Disabilities Act Handbook. (1990). Equal Employment Opportunity Commission and the U.S. Department of Justice.
- Ching, F. (1985). Architectural graphics. New York: Van Nostrand Reinhold.
- De Chiara, J., Panero, J., Zelnik, M. (1991). Time-Saver Standards for Interior Design and Space Planning. New York: McGraw-Hill.
- Doyle, M. E. (1980). Color drawing: a marker/colored-pencil approach for architects, landscape architects, interior and graphic designers, and artists. New York: Van Nostrand Reinhold.
- Faulkner, R. N. (1975). Inside today's home. New York: Holt, Rinehart and Winston.
- Gibbs, J. (1994). Curtains and draperies: history, design, inspiration. Woodstock, NY: Overlook Press.
- Hoppen, K. (1997). East meets west: global design for contemporary interiors. New York: Rizzoli.
- Muller, E. J. (1985). Architectural drawing and light construction. Englewood Cliffs, NJ: Prentice-Hall.
- National Council for Interior Design Qualification. (1994). New York: NY.
- N.F.P.A. 101: Life Safety Code. (1997). National Fire Protection Association.
- Perritt, H. H. (1991). Americans with Disabilities Act handbook. New York: Wiley

Law Publications.

Pocket guide to the ADA: Americans with disabilities act accessibility guidelines for buildings and facilities. (1997). New York: John Wiley & Sons.

Terry, E. (1993). Pocket guide to the ADA: Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities. New York: John Wiley and Sons.

Reznikoff, S. (1986). Interior Graphic and Design Standards. New York: Whitney Library of Design.

B. Other References

Video: Carpet: Questions and Answers.

Video: ADA Compliance: The Office that Enables

Video: More than One Right Answer

Video: The Role of Furniture in Ergonomics