

MASTER SYLLABUS

COURSE NO., HOURS, AND TITLE: ID 374-3
Materials and Specifications

COURSE DESCRIPTION:

A study of materials and finishes applicable to the interior environment including production methods, limitations, quality control, application, and uses. Emphasis is on specification for commercial interiors and liability issues for interior designers. Lecture. Prerequisite: concurrent enrollment in ID 272.

PREREQUISITE TO: ID 351, 391

COURSE OBJECTIVES:

1. Identify areas of professional and product liability.
2. Identify and research the governing regulations, codes, and standards for a given project.
3. Determine suitability of materials and finishes from performance test results.
4. Apply project materials and labor costing methods.
5. Write specifications of various types for studio projects to acquire an understanding of specification writing.
6. Prepare and present comprehensive information gathering reports on materials, finishes, historical period furnishings and decorative arts.
7. Goals will be met through successful completion of project assignments, reports and examinations.

TOPICAL OUTLINE:

Topics:	Percentages of Time
1. Review of CSI and General & Technical Specification Formats	25%
A. Develop an understanding of the divisions and sections of the CSI format.	
B. Acquaint students with the use of computer assisted specification writing by editing and word processing CSI SpectText and AIA MasterSpec documents.	

- C. Develop an understanding of specifications development for interior design projects.
 - D. Examine specification format and content and their relationship to the working drawings.
- II. Regulations, Standards, Performance Evaluation of Materials 25%
- A. Acquaint students with the professional liabilities, regulations and performance criteria encountered in the design environment.
 - B. Life Safety (NFPA 101) and Building Codes (BOCA & Uniform).
 - C. Product performance evaluations (UL-Underwriters Lab & ASTM)
- III. Material and Product Evaluations and Selection 50%
- A. The student will develop competencies in the selection and use of materials and finishes as related to interior design.
 - 1. guest speakers ((typical systems furniture representatives)
 - 2. field trips to visit systems furniture manufacturer's showrooms
 - B. Write four division 9, 10, 11, & 12 technical specification sections, including systems furniture.

TEXTBOOKS:

Required:

Reznikoff, S.C. (1999). *Specifications for commercial interiors*. New York, NY: Watson-Guptill Publications.

Whiton, S. & Abercrombie, S. (2002). *Interior design and decoration*. Upper Saddle River, NJ: Prentice Hall.

Recommended:

Riggs, Rosemary. *Materials & components of interior design (MCID)*. Englewood Cliffs, NJ: Prentice Hall.

Olin, Schmidt, and Lewis. *Construction principles, materials, and methods*. Chicago, IL: Institute of Financial Education and Interstate.

Lew, Alan. *Means interior estimating*. R. S. Means Company, Inc.