

MASTER SYLLABUS

COURSE NO., HOURS, AND TITLE: ID 341-2
Interior Textiles & Finish Materials

COURSE DESCRIPTION:

A study of interior textiles and other finish materials within commercial and residential interior environments including: properties, production/fabrication methods, aesthetics, application, function, and performance. Emphasis is on defining and understanding aspects of sustainability related to interior textiles and other finish materials. Emerging and future materialities are explored. Prerequisite: ID 242 or ARC 242. Restricted to major in Interior Design.

PREREQUISITE TO: ID 372 – 3 Interior Construction
ID 374 – 3 Materials and Specifications

COURSE OBJECTIVES:

1. Understand the physical properties, characteristics and types of interior textiles and finish materials, and their aesthetics, application, and function in commercial and residential environments.
2. Understand the production/fabrication of interior textiles and finish materials
3. Identify key selection criteria (i.e. cost, aesthetics, application, etc.) for interior textiles and finish materials
4. Evaluate aspects of performance for interior textiles and finish materials (case study)
5. Assess the environmental & health impacts of interior textiles and finish materials
6. Understand life-cycle assessment
7. Explore emerging ideas for materiality e. g., transformational materials, materials from nanotechnology, material light, biomimic materials, etc.

TOPICAL OUTLINE:

Topics:	Percentages of Time
I. Stone	
A. Historical, cultural, and architectural context	15%
B. Physical properties, characteristics, and types	
C. Manufacturing and fabrication	
D. Aesthetic qualities	
E. Sustainability	
II. Wood & Related Products	15%
A. Historical, cultural, and architectural context	
B. Physical properties, characteristics, and types	
C. Manufacturing and fabrication	
D. Aesthetic qualities	
E. Sustainability	
III. Glass & Ceramics	15%
A. Historical, cultural, and architectural context	
B. Physical properties, characteristics, and types	
C. Manufacturing and fabrication	
D. Aesthetic qualities	
E. Sustainability	

IV.	Textiles	25%
	A. Selection	
	B. Appearance	
	C. Fibers	
	D. Finishes	
	E. Weaves and fabrics	
	F. Dyeing and printing	
	G. Sustainability	
V.	Synthetics	15%
	A. History	
	B. Physical properties, characteristics, and types	
	C. Environmental and health impacts	
	D. Interior applications	
	E. Cost factors	
	F. Aesthetic qualities	
	G. Sustainability	
VI.	Futures	15%
	A. Nanotechnology and materials	
	B. Transformational materials	
	C. Material light	
	D. Biomimic materials	

TEXTBOOKS:

Required:

Binggeli, C. (2008). *Materials for interior environments*. NJ: John Wiley & Sons Inc.

Recommended:

Nielson, K. J. (2007). *Interior textiles: Fabrics, application, and historic style*. NJ: John Wiley & Sons Inc.