

TXMI 3320
Interior Materials & Building Systems Course Syllabus
FALL 2007
The University of Georgia
Department of Textiles, Merchandising and Interiors

Instructor:	Mrs. Dawn Schueneman
Office Location:	361 Dawson Hall
Office Hours:	MWF 8:30-9:00, MF 1:30-2:30, TR 2:00-3:00, open door policy
E-mail:	dawn@fcs.uga.edu
Credit/Clock Hours:	3 credit hours
Class Time:	12:30-1:45 TR

COURSE DESCRIPTION:

Selection and specification of interior materials and finishes, study of building systems and residential construction technology, and environmental issues.

COURSE OBJECTIVES:

At the end of the course the students are expected to:

- Develop basic foundation of terms relative to study of materials and construction used in interiors.
- Acquire knowledge of materials and finishes, building environmental systems, and fundamentals of residential construction.
- Achieve ability to specify materials/finishes based on end-user requirements and performance criteria.
- Understand need for alternative resources through development and use of sustainable design.
- Acquire knowledge of material resources and alternative resources

TEXTBOOKS

- *Fundamentals of Residential Construction* 2nd Ed. by Edward Allen.
- *Materials and Components of Interior Architecture* 7th Ed. by J. Rosemary Riggs.

MATERIALS:

- Balsa Wood for 3-D Model (specifications given on project sheet)

PROJECTS, EXAMS, & REQUIREMENTS:

1. Student attendance is expected and will be evaluated by the instructor.
2. Three exams will be given in class. Dates are listed in the topical outline.
3. Course will contain two (2) projects. Project information will be given on separate handouts.
 - 3-D Construction Model
 - Materials & Finishes Project
 - Potential Alternative Final Project: Research/Presentation
 - Alternative Housing
 - Green/Sustainable Design
 - Modern Technology
 - Environmental Issues

Class Policies:

- **Academic Honesty:** Any student turning in work that is not their own work or is discovered cheating on any project, exam or assignment will receive an "F" for the course, their actions will become a permanent part of their academic record, and they will be recommended for

disciplinary action according to the University handbook and policies. Students are expected to familiarize themselves with the University's "A Culture of Honesty."

- **Attendance:** Students are expected to be in their seats and ready to begin at the start of class. Attendance will be taken at the beginning of each class. A maximum of three (3) absences are allowed, including excused and unexcused absences. Each absence afterwards will result in a third letter grade per absence over the maximum being deducted from the final grade earned for the class. For example: if you earn a grade of B- and have 4 absences in the class you will receive a final grade of C+. Any student who earns a D in the class and exceeds the maximum allowance will receive a failing grade. Students will be dropped without notice on the eighth (8) absence and will receive a grade of W/F. If a student enters the classroom after attendance has been taken it is their responsibility to inform the instructor of their presence (do not assume the instructor has seen you and marked you present). Failure to inform the instructor of your presence will result in an absence which will not be negotiable. Students are responsible for making up missed work and acquiring materials given out in class from other classmates. If a student is absent, they will not be able to use class time to ask questions about material that was covered while they were absent. The student will be required consult a classmate or the textbook. In cases of documented illness or family emergency the instructor may consider helping the student cover the missed material.
- **Professional Behavior:** I strongly feel that class time should be an enjoyable and affirming experience. Therefore, I expect that all students will behave in a professional and positive manner both during class and outside of class when dealing with matters that pertain to this class. Professional behavior includes how you treat the instructor and how you treat your fellow students. Some examples of unprofessional behavior include: disrespectful speech or facial expressions directed at the instructor, sleeping or appearing bored in class, working on tasks that do not pertain to this class during class time (assignments from other classes, e-mail, facebook, etc.), inappropriate conversations in class (coarse language or jesting, gossip, unkind or unprofessional comments about a classmate or another teacher/class), failure to prepare for class by completing and being familiar with assigned reading or homework, arriving after class has begun and leaving before class is dismissed. The instructor reserves the right to ask any student to leave class for unprofessional behavior and to assign an absence for the day. Professional behavior and class participation will be evaluated by the instructor and reflected in the student's final grade. Students are expected to take notes when instructor is lecturing and/or giving project instructions. The instructor will not repeat any information already delivered in class. However, students may obtain clarification of any information for which they have taken notes.
- **Tardiness:** Students are expected to be in their seat at the start of class. If you are not in your seat, ready to begin, at the start of class you will be counted tardy. Four tardies will count as an absence. Arrival 15 minutes or more after the start of class will result in a ½ absence. *It is the student's responsibility to inform the instructor of their presence at the end of class.*
- **Leaving Class Early:** Students may not leave class until they are dismissed by the teacher. Leaving before the end of class will result in a ½ absence.
- **Class Participation and Use of Laptops in Class:** Students are to be prepared for class by reading all assigned text prior to the designated class. Students are expected to pay attention and not socialize excessively, and to **not** read and/or work on materials and projects unrelated to this course. Students are encouraged to ask questions and participate in class discussion. Laptops are only permitted on the front row of the classroom. Any student found to be violating the privilege of using a laptop in class will no longer be able to use a laptop in class.
- **Cell Phones:** Cell phones are to be turned OFF for the entire duration of the class.

- **Due Dates and Late Work:** All work will be due at the beginning of class date given unless otherwise stated. Any work not received by the specified time on the date it is due will be penalized in the following manner:
 - Submitted on the due date but after the time it is due (prior to 4:00 pm on the due date): half letter grade deduction from the final average.
 - Full letter grade deduction from the project grade for each additional day it is late.
 - After one week from the due date the project/assignment the instructor will not grade the assignment.
- **Documented Excuses:** Submission of un-penalized late work will be *considered* in cases of unavoidable situations and personal/family emergencies. A written request and explanation is to be given to the instructor personally on or before the due date, and **MUST** be accompanied with valid documentation supporting delay and/or absence.
- **Web-CT:** Each student enrolled in the course is responsible for regularly checking the Web-CT site for the purpose of instructor's announcements and updates related to course.
- **Course Modifications:** The instructor may find it necessary at times to modify course syllabus, project requirements, evaluation methods, and so forth. Students will be notified in advance
- **Instructor Office Hours:** Students are encouraged to consult the instructor if they have any questions regarding any of the material or an assignment.
- **Retention of Student Work:** The instructor may retain student work for display purposes. All work will be returned to the student prior to graduation.
- **Attendance Roll Call:** Students names will be called out during class sessions for the purpose of taking attendance. Students are responsible for notifying the instructor if doing so will be a problem.
- **Late Add:** Late adds for this course will not be approved except on exceptional circumstances.

POINT DISTRIBUTION

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|---|-------------------|
| • Class participation and professionalism | 50 points |
| • Exam 1 | 100 points |
| • Exam 2 | 100 points |
| • Exam 3 | 100 points |
| • 3-D Construction Model | 100 points |
| • Materials and Finishes Project | <u>100 points</u> |
| Total Possible Points | 550 points |

Grading Scale

93% - 96%	= A	77% - 79%	= C+
90% - 92%	= A-	73% - 76%	= C
87% - 89%	= B+	70% - 72%	= C-
83% - 86%	= B	60% - 69%	= D
80% - 82%	= B-	00% - 59%	= F

Tentative Topical Outline and Assigned Reading

**Subject to change with advance notice

DATE	TOPIC	READING
Week #1		
Aug 16	Overview of and introduction to class, text and materials, Construction process	Allen chap. 1-3, Riggs chap. 1

	overview, MasterFormat, codes, green design.	
Week #2		
Aug 21,23	Building materials: Lumber, masonry, concrete, metal,	Allen chap. 4-6
Week #3		
Aug 28,30	Glass and plastic, Site planning, foundation systems, structural loads	Allen chap. 7-8
Week #4		
Sept 4,6	Framing: floors, walls, stairs and fireplaces	Allen chap. 9, 16
Week #5		
Sept 11,13	Framing roofs, Doors, windows and glazing, interior and exterior sheathing, thermal insulation	Allen chap. 10-11, 15, 18
Week #6		
Sept 18,20	Exam 1 – September 18 Plumbing and sprinkler systems	Allen chap. 12
Week #7		
Sept 27, 29	Plumbing cont..., Heating, cooling and ventilation systems	Allen chap. 13, 16
Week #8		
Oct 2,4	Electrical, Lighting, Communications Systems Security, Audio/Visual, Automation, Acoustics	Allen chap. 14
Week #9		
Oct 9,11	Site Orientation & Passive Architectural Design Alternative Energy Sources & Water Conservation	Allen chap. 20 & 22, Handouts
Week #10		
Oct 16,18	Plaster, Gypsum Board, Paint, Stains & Finishes Wallpapers Wallpaper & Misc. Wall Coverings	Allen pgs. 299-302, 404-413, and 439-440, Riggs chap. 2, 5 & 6
Week #11		
Oct 23, 25	Exam 2 – October 23 Fall Break: Oct 25	
Week #12		
Oct 30, Nov. 1	Wood Solids, & Veneers, Wood Flooring & Paneling, Molding/Trim, Stairs, Ceilings Cabinetry & Furniture Construction	Allen pgs. 421-435, Riggs chap.4, 7 & 8
Week #13		
Nov 6,8	Decorative Laminates (Counters & Flooring) Interior Masonry & Concrete	Riggs chap. 4, 5 & 9
Week #14		
Nov 13,15	Solid Stones: Slab, Dimensioned, Tile Engineered Stone, Cultured Marble, Solid Surface Tile: Ceramic & Glass	Allen pgs. 414-417, Riggs 4
Week #15	Thanksgiving Holiday: 21-23	
Nov 20	Installing Non-Resilient Materials & Grout/Mortar	Riggs chap. 4
Week # 16		
Nov 27,29	Vinyl, Rubber, Linoleum, Cork, & Leather, Decorative Glass & Metals: Railings, Hardware, Sinks	Allen pgs. 414, Riggs chap. 4 & 10
Week #17		
Dec 6	Textiles & Carpet Overview	Riggs chap. 3
Dec 13, 12:00-3:00	Final Exam Period – Exam 3	