



IND 2422

Interior Finishes and Materials: DRAFT

Fall Semester 2024

Undergraduate Syllabus

Schedule:

Tuesday Period 4-5 10:40-12:35; Thursday Period 4 10:40-11:30

Location: ARCH 213

Instructor:

Lisa Sundahl Platt

Email: lisaplatt@ufl.edu

Office: 334 Architecture Bldg

Office Hours: TBD

Or by appointment

COURSE DESCRIPTION

This course introduces the building materials and finishes used in interior applications regarding their potential contribution to the functionality of the built environment, contextual relevance of application, operational and environmental sustainability, and their potential impact on the continuum of human health, safety, and wellbeing. In this course, students will explore and evaluate the diversity, applicability, and lifecycle of interior building materials. The objective of the course curriculum is to expand students' aptitude for innovative applied finish and surface solutions while ensuring they develop strong technical expertise regarding interior material life-safety, operational performance capabilities, and applicable code requirements. Students will learn the technical vocabulary and scientific concepts associated with materials' construction, fabrication, specification, and installation requirements. Students will also become familiar with the role and responsibilities of interior designers in ensuring the quality and safety of various built environments that serve a variety of space users. The goal of this course is to enable students to source appropriate interior surfaces based on environmental use and user requirements, specify material based on CSI standards, with a particular emphasis on Division 9, communicate material selection value to project stakeholders, and evaluate post-occupancy material installation performance.

Educational Goals:

Specific goals are derived from the Council for Interior Design Accreditation (CIDA) Standards:

1. Students works demonstrate an understanding of how environmental responsibility informs the practice of interior design (CIDA4c).
2. Student work demonstrates an understanding of the impact of the built environment on human experience, behavior, and performance (CIDA7a)
3. Students can express ideas in oral communication (CIDA9b).
4. Students works demonstrate an understanding of color terminology and color in relation to materials, textures, light, and form (CIDA12g&i).
5. Students are aware of the influence of furnishings, objects, materials, and finishes on human wellbeing (CIDA13a).

Council for Interior Design Accreditation (CIDA) 2022 Curriculum Standards:

Students understand how furnishings, objects, materials, and finishes work together to support the design intent (2022 CIDA Standards 13-16).



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1. Students understand the typical fabrication, installation methods, and maintenance requirements (CIDA13b).
2. Students understand appropriate design or specification of products and materials in relation to project criteria and human well-being (CIDA13d).
3. Students select and apply products and materials based on their properties and performance criteria, including ergonomics, environmental attributes, life safety, and life cycle cost (CIDA13e).
4. Students can lay out, design, and specify a broad range of appropriate products, materials, objects, and elements in support of the design intent (CIDA13f).
5. Students understand appropriate strategies for acoustical control (CIDA14a-d).
6. Students understand how the selection and application of products and systems impact indoor air quality (CIDA14i).
7. Students works demonstrate understanding that design solutions are impacted by interior systems, construction, and installation methods (CIDA15c).
8. Students understand that design solutions affect and are impacted by detailing and specification of interior construction materials, products, and finishes (CIDA15d).
9. Students understand sustainable environment guidelines (CIDA15 a & 16b).
10. Students know how to apply industry-specific regulations and guidelines related to products and materials (CIDA16a-i).

Course Format:

- Student learning will occur through assigned readings, instructor lectures, guest lecturers' presentations, student presentations, and application of obtained knowledge in the final project.
- Assessment will occur through quizzes as well as evaluation of student presentation, class assignments, and project progress and completion.
- Course materials will be posted on Canvas in accordance with class schedule and will be updated if necessary.
- If you are not able to meet the instructor during the scheduled office hours or to arrange an appointment for your questions, email contact is the preferred method of communication.
- The instructor reserves the right to make changes to the syllabus and schedule if required.

Course Requirements:

Required Text:

Postell, J., & Gesimondo, N. (2011). Materiality and interior construction. John Wiley & Sons. Table of Contents Following Course schedule

Recommended Texts:

- Godsey, L. (2013). Interior Design Materials and Specifications (2 ed.): Fairchild Books. ISBN: 9781609012298.
- Brown, R., & Farrelly, L. (2012). Materials and Interior Design: Laurence King Publishing. ISBN: 9781856697590.
- The instructor will post additional readings of articles relevant to the course subject matter on Canvas

Required Software:

- Microsoft Word



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- Adobe Creative Suite (Photoshop) preferable but not compulsory

Students must be able to print to PDF and have a stable Wi-Fi connection that will allow them to participate in online class sessions

Course Schedule:

Week 1-Introduction

Weeks 2-6 Material Typologies and standards

Weeks 7-9 Material HSW Testing and Code Requirements

Weeks 10-11 Materiality Occupancy Contexts

Weeks 12-14 Material Sustainability

Weeks 15 Material Innovation

Week	Class #	Dates	Topic/Activity	Assignment Given	Chapter	Primary Learning Objective	Assignment Due Date
MODULE 1: Course Introduction							
1	<i>1</i>	8/22/24	Introduction to course; Review of syllabus, schedule, grading, and resources	CANVAS: Discussion Board Assignment	NA	13-16	TBD
	MODULE 2: Material Typologies and Standards						
2	<i>2</i>	8/27/24	Introduction to Material Bank. Lecture on material typologies	Material Bank Orientation Assignment Reading Assignment 1	Chapter 1 Required Textbook Pp: 2-28	13-16	In Class Assignment
	<i>3</i>	8/29/24	Lecture-Flooring types and specification considerations-Part 1	Reading Assignment 2	Chapter 1 Required Textbook Pp: 29-48	13-16	TBD
	<i>4</i>	9/3/24	Lecture- Flooring types and specification considerations-Part 2	Reading Assignment 3 Discussion Board Responses	Chapter 2 Required Textbook pp- 49-68	13-16	TBD
3	<i>5</i>	9/5/24	Lecture- Wall finish types and specification-Part 1	Reading Assignment 4	Chapter 2 Required Textbook pp- 69-190	13-16	TBD



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	6	9/10/24	Lecture- Wall finish types and specification-Part 1	Reading Assignment 5 Discussion Board Responses	Chapter 3 Required Textbook Pp: 204-215	13-16	TBD
4	7	9/12/24	Field Trip Floor and Decor	Reading Assignment 6	Chapter 3 Required Textbook Pp: 216-282	13-16	9/16/21 at 10:30 am
	8	9/17/24	Lecture- Ceiling finish types and specification.	Reading Assignment 7 Discussion Board	Chapter 4 Required Textbook Pp: 285-293	13-16	TBD
5	9	9/19/24	Lecture- Millwork & Casework finish types and specifications.	Reading Assignment 8	Chapter 4 Required Textbook Pp: 294-317	13-16	TBD
	10	9/24/24	Lecture- Furniture finish types and specifications.	Reading Assignment 9 Discussion Board Responses	Instructor upload Binggeli Chapter 16 pp-624-664	13-16	TBD
6	11	9/26/24	Lecture- Quiz 1 content review	Study for Quiz 1	NA	13-16	NA
	12	10/1/24	Quiz 1 during Class	Quiz 1	NA	13-16	NA
MODULE 3: Material HSW Testing and Code Requirements							
7	13	10/3/24	Lecture- Introduction to CSI Specifications Part 1- MasterSpec Format; Review of Specifications Part 9-CSI Division 09 Part 1	CSI Division 09 Flooring Specifications Team Floor Finish Focus Decisions	NA	13-16	In Class Assignment
	14	10/8/24	CSI Division 09 Flooring Specifications & Flooring testing requirements	CSI Division 09 Flooring Specifications	NA	13-16	In Class Assignment 11:59 pm



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8	<i>15</i>	10/10/24	Vendor Presentation	Reading Assignment 10	Chapter 5 Required Textbook Pp: 321-359	13-16	TBD
	<i>16</i>	10/x/24	Lecture- ANSI & ASTM Testing Requirements for Finishes Part-1	Reading Assignment 11 Discussion Board	Chapter 5 Required Textbook Pp: 369-376	13-16	TBD
9	<i>17</i>	10/15/24	Lecture ANSI & ASTM Testing Requirements for Finishes Part-2	Reading Assignment 12	2018 ICC Chapter 8 Sections 801-804	13-16	TBD
	<i>18</i>	10/17/24	Lecture- ADA & Historic Preservation/Restoration Requirements for Materials	Reading Assignment 13 Discussion Board Response	2018 ICC Chapter 8 Sections 805-808	13-16	TBD
MODULE 4: Materiality Occupancy Contexts							
10	<i>19</i>	10/22/24	Vendor Presentation IAFW Project Introduction	Reading Assignment 14	Instructor upload Kennon Chapter 3 pp-2845-3530	13-16	TBD
	<i>20</i>	10/24/24	Lecture-Occupancy Classifications and Finish Considerations Part-1	Reading Assignment 15 Discussion Board Response	Instructor upload Kennon Chapter 3 pp-3531-4133	13-16	TBD
11	<i>21</i>	10/29/24	Lecture-Occupancy Classifications and Finish Considerations Part-2	Study for Quiz 2	NA	13-16	NA
	<i>22</i>	10/31/24	Quiz 2 during class	Quiz 2	NA	13-16	NA
Module 5: Material Sustainability							



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12	23	11/5/24	Understanding Sustainable and Regenerative Materials Life Cycle Costing and the Circular Economy	Reading Assignment 16 IAFW 50 % Review Assignment 50% Review	Whole Building Design Guide LCCA	13-16	TBD
	24	11/7/24	LEED ID+C and Materials & Resource WELL v2 and Living Building Challenge and Materials	Reading Assignment 17 Discussion Board	LEED ID+C Reference Guide pp. 87-124 WELL Materials Concept Overview	13-16	TBD
13	25	11/12/24	IAFW Presentations in Class	IAFW Final Presentation	NA	13-16	NA
	26	11/14/24	Presentation Recap		NA	13-16	TBD
Module 6: Material Innovation							
14	27	11/19/24	Ph.D. Student Research Presentation on Materials		NA	13-16	NA
	28	11/21/24	Vendor Presentation on Materials		NA	13-16	NA
15	29	12/3/24	Upper-level studio material application preview		NA	13-16	NA



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REQUIRED TEXTBOOK TABLE OF CONTENTS

- Chapter 1: Why Materials Matter
- Chapter 2: Flooring
- Chapter 3: Walls, Partitions, and Vertical Components
- Chapter 4: Ceilings
- Chapter 5: Millwork

Other referenced readings

- Binggeli, C. (2008). *Materials for interior environments*. John Wiley & Sons.
- Council, U. G. B. (2021). LEED v4. 1–Interior Design and Construction
- Harmon, S. K., & Kennon, K. E. (2011). *The codes guidebook for interiors*. John Wiley & Sons.
- ICC Chapter 8 Interior Finishes: <https://codes.iccsafe.org/content/IBC2018P6/chapter-8-interior-finishes>
- WBDG LCCA: <https://www.wbdg.org/resources/life-cycle-cost-analysis-lcca>
- WELL Materials: <https://v2.wellcertified.com/en/wellv2/materials>

HEALTH SAFETY

- If you are sick, stay home and self-quarantine. Please visit the UF Health Screen, Test & Protect website about next steps, retake the questionnaire and schedule your test for no sooner than 24 hours after your symptoms began. Please call your primary care provider if you are ill and need immediate care or the UF Student Health Care Center at 352-392-1161 (or email covid@shcc.ufl.edu) to be evaluated for testing and to receive further instructions about returning to campus. UF Health Screen, Test & Protect offers guidance when you are sick, have been exposed to someone who has tested positive or have tested positive yourself. Visit the [UF Health Screen, Test & Protect website](#) for more information.
 - Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work.
 - If you are withheld from campus by the Department of Health through Screen, Test & Protect you are not permitted to use any on campus facilities. Students attempting to attend campus activities when withheld from campus will be referred to the Dean of Students Office.

Continue to regularly visit coronavirus.UFHealth.org and coronavirus.ufl.edu for up-to-date information about COVID-19 and vaccination.



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STUDENT SUPPORT SERVICES

For any technical issues you encounter with your course please contact the UF computing Help Desk at 342-392-HELP (4357), select option 2. For Help Desk hours visit: Information Technology–UF Computing Help Desk (<http://helpdesk.ufl.edu>).

Grading Criteria:

Class Assignments: 20%

Quizzes: 10%

Presentation: 30%

Final Project: 40%

Extra Credit: 5% weighting to final Grade

Any late assignments will automatically have 10% points deducted from the assignment grade. The only exceptions will be for **validated** personal or medical emergencies. "Validated" excuses require letter from physician or relevant authority.

Grading Scale:

A	93-100	4.0	C	73-76.9	2.0
A-	90-92.9	3.67	C-	70-72.9	1.67
B+	87-89.9	3.33	D+	67-69.9	1.33
B	83-86.9	3.0	D	63-66.9	1.0
B-	80-82.9	2.67	D-	60-62.9	.67
C+	77-79.9	2.33	E	0-59	0.0

Assignment grading rubrics defining instructor's approach to grading will be given for each assignment. Although these rubrics will be referenced prior to the assignment it will be the student's responsibility to refer to rubric when they are completing the assignment and clearly articulate how they are fulfilling its criteria for scoring.

Information in regard to UF's grading policy can be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

COURSE POLICIES

Academic Integrity:

All students at the University of Florida are expected to adhere fully to University of Florida Student Honor Code, view at: <http://www.dso.ufl.edu/sccr/honorcodes/honorcode.php>. The Honor Code outlines the expectations for student conduct in regard to academic honesty. All students should



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review this policy to understand the range and scope of the standards and the seriousness of any infractions of the code. The policy places full responsibility on students to know and adhere to these standards for academic integrity. All examinations, quizzes, design projects, and assignments in the Department of Interior Design are subject to this policy. Maintaining strict academic integrity is a priority of the Department of Interior Design and all instructors will fully enforce the UF Honor Code in their studios and classes. A strict adherence to the Honor Code is expected by the University of Florida and reflects the ethical standards of the interior design profession.

Attendance & Participation:

Attendance is essential to the learning process. Students must be on time for each class session and present for the entire class to be marked present. The instructor must be notified in advance of any necessary absence in person or by email. Two absences will be tolerated without penalty. Each additional absence will result in the reduction of a course grade by one letter grade. More than six absences will automatically result in failing the course.

Classroom Climate:

Equitable participation in this class requires the use of inclusive language, methods, and materials. Students are expected to use inclusive language in written and oral work, and to respect diversity in viewpoints expressed by others. Students are also encouraged to identify language, methods, and materials used in this course that do not contribute to an inclusive classroom climate.

Class Health & Wellbeing

In response to COVID-19, the following policies and requirements are in place to maintain your learning environment and to enhance the safety of our in-classroom interactions.

- You are required to wear approved face coverings at all times during class and within buildings. Following and enforcing these policies and requirements are all of our responsibility. Failure to do so will lead to a report to the Office of Student Conduct and Conflict Resolution.
- Sanitizing supplies are available in the classroom if you wish to wipe down your desks prior to sitting down and at the end of the class.
- Follow your instructor's guidance on how to enter and exit the classroom. Practice physical distancing to the extent possible when entering and exiting the classroom.
- If you are experiencing COVID-19 symptoms (Click here for guidance from the CDC on symptoms of coronavirus), please use the UF Health screening system and follow the instructions on whether you are able to attend class. Click here for UF Health guidance on what to do if you have been exposed to or are experiencing Covid-19 symptoms.



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- Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work. Find more information in the university attendance policies.

Laptops, Cell Phones, Tablets:

Students may bring mobile devices to class and use them during the period ***for course-related purposes only***. Students are not permitted for use during quizzes.

Project Due Dates:

All assignments - completed or incomplete - must be turned in on the due date and will be graded as they stand. No projects will be accepted late. The right to make an exception will be reserved only in extreme cases (due to emergencies). In such cases, the instructor must be notified in advance by email. For the exception case, a delay of over one week will not be accepted.

Requirements for class attendance and make-up exams, assignments, and other work are consistent with university policies that can be found at

<https://catalog.ufl.edu/ugrad/1516/regulations/info/attendance.aspx>

Special Accommodations:

Students requesting classroom accommodation must first register with the Disability Resource Center at University of Florida Dean of Students Office, see

<http://www.dso.ufl.edu/drc/getstarted.php>. The Dean of Students Office will review the case and, if appropriate, provide documentation to the student who must then provide this documentation to the instructor when requesting an accommodation.

Student Work:

The Department of Interior Design reserves the right to retain any student work completed in the curriculum for accreditation purposes.

COURSE EVALUATIONS

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.a.ufl.edu/students/>.

Students will be notified when the evaluation period opens and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluer.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.a.ufl.edu/public-results/>



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SOFTWARE USE

All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

STUDENT PRIVACY FOR ONLINE COURSES

There are federal laws protecting your privacy with regards to grades earned in courses and on individual assignments. For more information, please see:

<http://registrar.ufl.edu/catalog0910/policies/regulationferpa.html>

Our class sessions may be audio visually recorded for students in the class to refer and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

CAMPUS RESOURCES:

Writing Studio

The writing studio is committed to helping University of Florida students meet their academic and professional goals by becoming better writers. Visit the writing studio online at <http://writing.ufl.edu/writing-studio/> or in 302 Tigert Hall for one-on-one consultations and workshops.

Health and Wellness

U Matter, We Care:

If you or a friend is in distress, please contact umatter@ufl.edu or 352 392-1575 so that a team member can reach out to the student.



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Counseling and Wellness Center: <http://www.counseling.ufl.edu/cwc>, and 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Assault Recovery Services (SARS)

Student Health Care Center, 392-1161.

University Police Department at 392-1111 (or 9-1-1 for emergencies), or

<http://www.police.ufl.edu/>.

Academic Resources

E-learning technical support, 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu. <https://lss.at.ufl.edu/help.shtml>.

Career Resource Center, Reitz Union, 392-1601. Career assistance and counseling.

<https://www.crc.ufl.edu/>.

Library Support, <http://cms.uflib.ufl.edu/ask>. Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring.

<https://teachingcenter.ufl.edu/>.

Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers.

<https://writing.ufl.edu/writing-studio/>.

Student Complaints Campus: https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf.

On-Line Students Complaints: <http://www.distance.ufl.edu/student-complaint-process>.