# IND2422 – Interior Finishes and MaterialsSyllabus - Fall 2023Credit Hours: 3

#### Instructor:

#### **Shabboo Valipoor**

Email: sh.valipoor@ufl.edu

Office Hours: Tuesday (12:45 p.m. - 2:45 p.m.) or by appointment

Office Phone: 352-294-1451

#### Class Meeting Time:

Tuesdays, Period 4 - 5 (10:40 a.m. - 11:30 a.m. & 11:45 a.m. - 12:35 p.m.)
Thursdays, Period 4 (10:40 a.m. - 11:30 a.m.)

#### Class Location:

RNK 110

Course Description:
The purpose of this course is to introduce the building materials and finishes used for interior applications and how they contribute to the functionality of the built environment. It also discusses the contextual relevance of application, operational and environmental sustainability, and their potential impact on the continuum of human health, safety, and well-being. In this course, students will explore and evaluate the diversity, applicability, and lifecycle of interior building materials. The objective 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.

Reading Materials:
Required Text:

* Binggeli, C. (2013). Materials for Interior Environments (2 ed.): Wiley. ISBN: 9781118306352.

Recommended Texts:

* Godsey, L. (2013). Interior Design Materials and Specifications (2 ed.): Fairchild Books. ISBN: 9781609012298.

Course Communications:
Class resources, announcements, updates, and assignments will be made available through Canvas. The preferred method of communication in this course is email. If you have questions before the next class meeting, send them to the instructor via Canvas message or ufl email. To meet the instructor during her office hours or other times, you will need to schedule a specific time through e-mail.

Materials and Supplies Fees:

There are no materials and supplies fees required for this course during this semester.

Prerequisite Knowledge and Skills:
The prerequisite for this course is ARC 2303. You will build on the knowledge that you gained through ARC 2303 and IND 2214.

Course Objectives:
Specific educational goals of this course are derived from the Council for Interior Design Accreditation (CIDA) Standards 2022:

1. Student work demonstrates the ability to apply human factors, ergonomics, inclusive, and universal design principles to design solutions (**CIDA7e**)
2. Students are able to effectively express ideas and their rationale in oral communication (**CIDA9b**).
3. Students **understand** how light and color impact health, safety, and wellbeing in the interior environment (**CIDA12e**).
4. Student work demonstrates **understanding** of color in relation to materials, textures, light, and form (**CIDA12i**)
5. Student work demonstrates understanding of:
	* how furnishings, objects, materials, and finishes work together to support the design intent (**CIDA13a**).
	* typical fabrication processes, installation methods, and maintenance requirements for products and materials (**CIDA13b**).
	* the life cycle cost of products and materials (**CIDA13c**).
	* appropriate design or specification of furnishings, equipment, materials, and finishes in relation to project criteria and human and environmental wellbeing (**CIDA13d**).
6. Students select and apply products and materials on the basis of their properties and performance criteria, including ergonomics, environmental attributes, and life safety (**CIDA13e**).
7. Students are able to design and specify a broad range of appropriate products, materials, furniture, fixtures, equipment, and elements in support of the design intent (**CIDA13f**).
8. Students understand:
	1. appropriate strategies for acoustical control (**CIDA14c**).
	2. how the selection and application of products and systems impact indoor air quality (**CIDA14i**).
9. Student work demonstrate understanding of:
	* standards and guidelines related to sustainability and wellness (**CIDA16b**).
	* sector-specific regulations and guidelines related to construction, products, and materials (**CIDA16c**).
10. Student work demonstrates the ability to applyfederal, state/provincial, and local codesincluding barrier-free and accessibility regulations and guidelines (**CIDA16i**).

### Instructional Methods:

Student learning will occur through instructor lectures, assigned readings, guest lecturers’ presentations, in-class exercises, 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.

## Course Policies

### Attendance Policy:

Students are expected to be on time for class. “Attendance and participation” are measured by **punctuality**, the physical **presence** during class time, level of **engagement**, and **timely responses** to emails that need response. Absent students are responsible for obtaining the missed information and completing the assigned work. Up to **2 unexcused absences** from class are allowed. Each additional unexcused absence drops **one letter** from the final course grade. If you have to miss a class or activity due to illness or emergency, you should **contact the instructor** as early as possible prior to the missed class or activity and provide relevant documents by the next class. For **religious** holidays, there is no need for documentation, but the student should make their need for an absence known in advance of the scheduled activities. Requirements for class attendance and assignments are consistent with university policies that can be found at:

<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>

### Assignment Policy:

Assignments must be submitted to Canvas via the assignment page and any instructions detailed therein. Due dates are specified on the course calendar. All assignments - completed or incomplete - must be turned in on the due date and will be graded as they stand. **Late** **submissions will receive 20% penalty for each day (or partial day) that the assignment is late.**

### Make-up Policy:

Students who can demonstrate that they were unable to submit an assignment by the deadline due to an excused absence and who can provide **appropriate documentation** for the absence will be given a reasonable period of time to make up the late work. Requests for make-ups due to **technical issues** are not accepted. All students have access to the computer lab (rooms 116 & 118). In case of any technical issue on your personal computers, you can complete your assignment in the lab.

### Course Technology:

For technology related issues, the UF computing help desk can be reached at:

* <http://helpdesk.ufl.edu>
* (352) 392-HELP - select option 2

## UF Policies

University Policy on Accommodating Students with Disabilities: “Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, [www.dso.ufl.edu/drc](http://www.dso.ufl.edu/drc) ) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.”

University Policy on Academic Conduct: UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (<http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Class Demeanor or Netiquette: All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats. Students must be respectful to one another, even when there are differing opinions. UF netiquette guidelines can be found at: [Netiquette Guide for Online Courses](https://www.cise.ufl.edu/wp-content/uploads/2019/08/CISE_Netiquette_Guide.pdf)

Consequences might negatively affect an assignment grade, or for very severe cases, a report to the university administration.

## Getting Help

For issues with technical difficulties for Canvas, please contact the UF Help Desk at:

* <http://helpdesk.ufl.edu>
* (352) 392-HELP (4357)
* Walk-in: HUB 132 (check website for open hours)

Other resources are available at <http://www.distance.ufl.edu/getting-help> for:

* Counseling and Wellness resources
* Disability resources
* Resources for handling student concerns and complaints
* Library Help Desk support

## Grading Policies

### Methods by which students will be evaluated and their grade determined

The final grade will be based on your performance in the following activities:

|  |  |
| --- | --- |
| Category | Percentage of total grade |
| Exercises & class discussions | 15% |
| Quizzes  | 40% |
| Group project | 30% |
| Individual project | 15% |

### Information on current UF grading policies for assigning grade points:

This course will follow the policies on the UF Undergraduate Catalog: <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

### Grading Scale:

For further information on UF's Grading Policy, see: <http://www.isis.ufl.edu/minusgrades.html>

Grade % Grade points Grade % Grade points

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

## Course Schedule

### Weekly Schedule of Topics and Assignments:

### For a detailed schedule of assignments and class activities, see the course schedule on Canvas. Disclaimer: This schedule represents current plans and objectives. We may need to make changes to those plans as we progress through the semester.

### Online course evaluation

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semesters, but students will be notified when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

## Schedule – Fall 2023Updated on Aug/12/2023

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Wk** | **Day** | **Date** | **Topic/Activity** | **Due** |
| 1 | R | Aug- 24 | - Introduction to course- Overview of syllabus & Schedule - Materials library |  |
| 2 | T | Aug-29 | - Lecture (Selection Criteria)- In-class exercise | Chapter 1 reading |
| R | Aug-31 | - Lecture (Selection Criteria cont.) |  |
| 3 | T | Sept-05 | - Lecture (Sustainability)- In-class exercise | Chapter 2 reading |
| R | Sept-07 | - Lecture (Sustainability cont.) |  |
| 4 | T | Sept-12 | - Lecture (Cement-based Materials)- In-class exercise | Chapter 4 reading |
| R | Sept-14 | - Lecture (Stone & Brick) | Chapter 5 reading |
| 5 | T | Sept-19 | - Lecture (Ceramics)- In-class exercise | Chapter 6 – P.97-106 |
| R | Sept-21 | - Lecture (Plastic Materials) | Chapter 10 reading |
| 6 | T | Sept-26 | - Guest lecture: Surfacing products rep- Quiz practice | Review readings |
| R | Sept-28 | - Quiz 1 |  |
| 7 | T | Oct-03 | - Lecture (Wood & Wood Products)- Intro to final project | Chapter 7 |
| R | Oct-05 | - Lecture (Glass) | Chapter 6 – P.83-96 |
| 8 | T | Oct-10 | - Lecture (Flooring)- In-class exercise | Chapter 13 reading |
| R | Oct-12 | - Lecture (Flooring Cont.) |  |
| 9 | T | Oct-17 | - Guest lecture: flooring rep- Lecture (Textile) | Chapter 12 reading |
| R | Oct-19 | - Lecture (Metal) | Chapter 9 reading |
| 10 | T | Oct-24 | - Guest lecture: Textile rep- Lecture (Wall finishes) | Chapters 11 & 14 |
| R | Oct-26 | - Lecture (Paints & coatings) | Chapters 15 |
| 11 | T | Oct-31 | - Lecture (Ceiling finishes)- Quiz 2 - practice | Review readings |
| R | Nov-02 | - Quiz 2 |  |
| 12 | T | Nov-07 | - Finishes & materials for healthcare  |  |
| R | Nov-09 | - Group project progress review | Review prep |
| 13 | T | Nov-14 | - Panel discussion with design practitioners |  |
| R | Nov-16 | - Group project progress review | Review prep |
| 14 | T | Nov-21 | - Group project final presentation | Group project presentation & submission |
| R | Nov-23 | **HOLIDAY** |  |
| 15 | T | Nov-28 | - Individual project progress review | Progress presentation |
| R | Nov-30 | - Project production day |  |
| 16 | T | Dec-05 | - **Final** individual presentation | Individual project presentation & submission |

\* This calendar is a general outline of the course. The instructor reserves the right to alter the course in response to academic conditions and opportunities.