

## 2020 COURSE SYLLABUS

### Instructor

Linda D. Stevenson, PhD, AIA, LEED AP  
[archtext@ufl.edu](mailto:archtext@ufl.edu)  
Office: 136 ARCH  
(941) 704-9074

### Class Meeting Time

(Online)  
Tuesdays & Thursdays (TR)  
Periods 2 - 3 (8:35 am – 10:25 am)  
Access Zoom link on Canvas

### Office Hours

(Online)  
TR 10:30-11:30  
or by appt.  
(via text/ email)

## COURSE INTENTIONS

This 3-credit course will help interior design students understand and visualize the types of building systems that exist between the walls, ceilings, and under the floors of buildings. The primary goal of this course is to give students an introduction to the relationships between people, technology, and the environments that we inhabit daily. A secondary goal of this course is to familiarize students with the vocabulary and concepts of environmental controls used by designers. From this knowledge base, students will develop a more holistic understanding of design considerations for building systems within interior spaces, and be able to implement these concepts in their current and future design work.

### Instructor communication

Virtual office hours are listed above. You can meet with me via the course Zoom link, I will be there after class time as noted, or you can set up a time to meet, via email or text. If the scheduled times do not work for your schedule, we can also find another time for an individual meeting, just send your requests via email or text.

### Educational objectives

In accordance with the *Council for Interior Design Accreditation (CIDA) Professional Standards 2020*, this course will help students:

- Understand why and how human and environmental conditions, building technology, materials, and construction vary according to geographic location and impact design and construction decisions (4a).
- Understand how systems thinking and environmental responsibility inform the practice of interior design (4c).
- Demonstrate an understanding of the relationship between the natural, built, virtual, and technological environments as they relate to the human experience, wellbeing, behavior, and performance. (7b).
- Understand the principles of natural and artificial lighting design, strategies for using and modulating natural light, demonstrate proper selection of and application of, luminaires and light sources, how light and color in the interior environment impact health, safety, and wellbeing, and be aware of the environmental impact of illumination strategies and decisions. (12a, b, d, f).
- Identify, select, and apply products and materials on the basis of their properties and performance criteria, including ergonomics, environmental attributes, life safety, and life cycle cost (13e).
- Gain awareness that design decisions relating to relating to acoustics, thermal comfort,

and indoor air quality impact human well-being and the environment by demonstrating an understanding of; the principles of acoustical design, appropriate strategies for acoustical control, principles of thermal design, how active and passive thermal systems and components impact interior design solutions, the principles of water systems and waste systems, and strategies for integrating water systems and waste systems the principles of indoor air quality, and how the selection and application of products and systems impact indoor air quality (14a-14g).

- Demonstrate understanding of how design solutions affect and are impacted by the integration of building systems including electrical (such as power, data, lighting, telecommunications, audio visual), and mechanical (such as HVAC, plumbing, and sprinklers), monitoring systems pertaining to energy, security, and building controls systems, and vertical and horizontal systems of transport and circulation such as stairs, elevators, and escalators (15e-g).
- Demonstrate ability to read and interpret building construction documents (15i).
- Demonstrate understanding of the origins and intent of laws, codes, and standards that impact health, wellness, and fire and life safety, standards and guidelines related to sustainability and wellness, sector-specific regulations and guidelines related to construction, products, and materials, application of federal, state and local codes including fire and life safety, barrier-free and accessibility regulations and guidelines. (16a-e).

## COURSE ORGANIZATION

### Required Texts

Binggeli, Corky (2016)

***Building Systems for Interior Designers, 3rd***

**Edition**, published by John Wiley & Sons.

ISBN-13: 978-1118925546

The text is fully available online through the Canvas course link to ARES, at the UF Smathers Libraries.

Go to Course Reserves tab, and follow the link.

<https://ufl.instructure.com/courses/404353/files?preview=51851732>

Refer to course schedule for schedule of readings.

Course format will include lectures, readings from textbook, application exercises, field observational project and exams. Note the due date of assignments and be sure to complete by deadlines!



### Canvas e-learning, additional recommended texts & materials

Course information, support materials, and grades are accessed on the course web page in the UF CANVAS e- learning system. <https://elearning.ufl.edu/> From there you can log in to your student CANVAS dashboard. Class communications will be sent via Canvas, it is the student's responsibility to check the system daily and/or set appropriate notification reminders. Any technical problems should be directed to UF Computer Help, <https://lss.at.ufl.eu/help.shtml>

The instructor reserves the right to make changes in the course schedule and syllabus as required to facilitate learning. Adjustments will be made when necessary and according to the professional judgment of the instructor. Be sure to check Canvas regularly for updates!

## COURSE POLICIES

### Attendance and late assignments

Attendance is required and counts towards the final grade. Please review UF's attendance policies here: <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/> as to what qualifies as an unexcused or excused absence. Instructors should be notified in advance in person or by email of any necessary absence. Late assignments will be accepted up to 3 days past the original due date and will be subject to a maximum 25% reduction in grade. Assignments submitted after this date will not be graded. Students who seek an alternative to this rule must attain permission from instructors prior to the due date. It is the student's responsibility to make prior arrangements and to submit all required work.

All work produced is property of the Department of Interior Design. Instructor will keep samples of student work. Students are advised to document work before collection

### Criteria for Grades

Information in regard to UF's grading policy can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>  
Assessment will occur through examination, evaluation of student projects and exercises, and evaluation of effort and class participation, as indicated below.

Course Components			Grading Scale	
Exams (2)	150	30%	A = 93–100% 4.0	C = 73–76.9% 2.0
Quizzes (3)	75	15%	A- = 90–92.9% 3.67	C- = 70–72.9% 1.67
Attendance	50	10%	B+ = 87–89.9% 3.33	D+ = 67–69.9% 1.33
Application exercises	125	25%	B = 83–86.9% 3.0	D = 63–66.9% 1.0
Final Project	100	20%	B- = 80–82.9% 2.67	D- = 60–62.9% 0.67
	500	100%		E = 0–59.9% 0.0

### 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.

### Special Accommodations

Students requesting classroom accommodation must first register with the Disability Resource Center at University of Florida Dean of Students Office, see <https://disability.ufl.edu/>. 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 accommodation.

### Student Privacy Considerations

Some class sessions may be audio visually recorded for students in the class to refer back 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.*

### **Academic Integrity**

All students at the University of Florida are expected to adhere fully to University of Florida Student Honor Code, view at: <https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>

The Honor Code outlines the expectations for student conduct in regard to academic honesty.

All students should 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.

### **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. Summaries of course evaluation results are available to students at <https://gatorevals.a.ufl.edu/public-results/>.

### **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.

### **Netiquette: Communication Courtesy**

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions, and chats. Please see Netiquette Guide for Online Courses.pdf in Course site folder Files/Syllabus. Refer to the [Netiquette Guide for Online Courses](#) for more information.

### **Getting Help**

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

- (352) 392-HELP - select option 2 or Canvas help at <https://lss.at.ufl.eu/help.shtml>

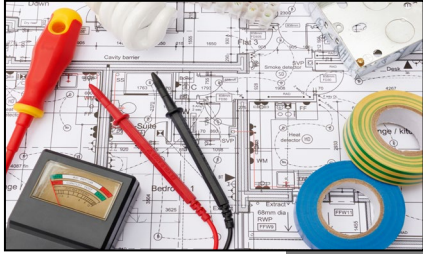
The ticket number received from LSS when the problem was reported to them MUST accompany any requests for make-ups due to technical issues. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request a make-up.

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

- Counseling and Wellness resources

- Disability resources
- Counseling and wellness
- Resources for handling student concerns and complaints
- Library Help Desk support <http://cms.uflib.ufl.edu/ask>

Writing Studio. 2215 Turlington Hall, (352) 846-1138. Get help with brainstorming, formatting, and writing papers. <https://writing.ufl.edu/writing-studio/>  
Follow link on page to Tutortrac online schedule to sign up for an online consulting session.



## 2020 COURSE SCHEDULE

### Instructor

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### Office Hours

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 or by appt.  
 (via text/ email)

### Class Schedule – Fall 2020

Text References: (CB)= Corky Binggeli, *Building Systems for Interior Designers*, (link on canvas).

**Assignment due dates: due by 8:30 am on date shown**

**Exams** - during class time unless noted otherwise

**Quiz during class time**

WEEK	DATE	TOPIC Lecture topics, assignments and activities	WHAT TO READ FOR CLASS	WHAT'S DUE BY CLASS TIME
1	T- 09/01	Introductions and Course Overview Introduce Assignment 1		
	R- 09/03	Lecture: Environmental Conditions and the Site Exercise: Environmental factors - sites	(CB) Ch. 1	
2	T- 09/08	Lecture: Sustainable design principles	Readings on canvas	
	R- 09/10	Building Envelope, part 1	(CB) Ch. 2	
3	T- 09/15	Lecture: Design for Human Health and Safety	(CB) Ch. 3	<b>Assignment 1 Site study</b>
	R- 09/17	Presentation Assignment 1 <b>Quiz 1</b>		
4	T- 09/22	Lecture: Forms and Structures, part 1 Introduce Assignment 2	(CB) Ch. 4	
	R- 09/24	Lecture: Forms and Structures, part 2		
5	T- 09/29	Lecture: Floor and Ceiling assemblies Discussion: Assignment 2 results	(CB) Ch. 5	<b>Assignment 2 Emerging Trends</b>
	R- 10/01	Lecture: Openings, door and windows Introduce assignment 3	(CB) Ch. 6	
6	T- 10/06	Lecture: Acoustics 1	(CB) Ch. 7	
	R- 10/08	Presentation -Acoustics 2 Teams present Assignment 3 based on Chapter 8 reading	(CB) Ch. 8	<b>Assignment 3 Acoustics</b>
7	T- 10/13	Exam Review Prep		
	R- 10/15	<b>EXAM 1</b>		

8	T- 10/20	Lecture: Water + Waste Introduce Assignment 4	(CB) Chs. 9/10	
	R- 10/22	Lecture: Water + Waste/ Fixtures and Appliances	(CB) Chs. 10/11	
9	T- 10/27	Lecture: Thermal Comfort	(CB) Ch. 12	
	R- 10/29	Lecture: Indoor Air Quality <b>Quiz 2</b>	(CB) Ch. 13	
10	T- 11/03	Lecture: Heating + Cooling	(CB) Ch. 14	<b>Assignment 4 Field observation</b>
	R- 11/05	Lecture: Electrical Introduce assignment 5	(CB) Ch. 15	
11	T- 11/10	Lecture: Electrical Introduce Final Project	(CB) Ch. 16	
	R- 11/12	Lecture: Lighting	(CB) Ch. 17	
12	T- 11/17	Lecture: Fire/ Life Safety <b>Quiz 3</b>	(CB) Ch. 18	
	R- 11/19	Lecture: Vertical Circulation systems	(CB) Ch. 19	
13	T- 11/24	Lecture: Communications	(CB) Ch. 20	
	R- 11/26	Thanksgiving – No class		
14	T- 12/01	Assignment 5 team presentations in class		<b>Assignment 5 Sustainable projects</b>
	R- 12/03	Assignment 5 team presentations in class		
15	T- 12/06	Exam Review Prep (Last day of class)		<b>Final project due</b>
	R- 12/08	Reading Day – no class		
16	<b>R- 12/17</b>	<b>FINAL EXAM (online)</b>	<b>5:30 – 7:30 pm</b>	