



SYLLABUS

INSTRUCTOR

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COURSE INTENTIONS

Interior Design Construction Documents is part of the Department of Interior Design's applied technology series. The course builds upon the content of IND 2422 Interior Finishes and Materials and IND 3468 Interior Environmental Technologies.

In this course you will investigate and practice synthesizing three-dimensional design intentions with building technologies. You will also be introduced to the practice of communicating design decisions and intended construction quality to other building professionals through working drawings. Finally, you will be introduced to Building Information Modeling (BIM) systems for documentation. Class exercises and projects will accumulate to form a partial set of construction documents.

EDUCATIONAL OBJECTIVES

- Recognize the environmental impact of construction (CIDA Standard 15a).
- Demonstrate an understanding that design solutions affect and are impacted by base-building structural systems and construction methods (CIDA Standard 15b).
- Identify how design decisions can be impacted by interior systems, construction, and installation methods (CIDA Standard 15c).
- Appropriately apply detailing and specification of interior construction materials, products, and finishes (CIDA Standard 15d).
- Demonstrate an understanding of how design solutions affect the integration of building systems including electrical (such as power, data, lighting, telecommunications, audio visual) and mechanical (such as HVAC, plumbing, and sprinklers) (CIDA Standard 15e).
- Identify monitoring systems pertaining to energy, security, and building controls systems (CIDA Standard 15f).
- Recognize vertical and horizontal systems of transport and circulation such as stairs, elevators, or escalators (CIDA Standard 15g).
- Recognize the formats, components, and accepted standards for an integrated and comprehensive set of interior construction documents (CIDA Standard 15h).
- Appropriately read and interpret construction documents (CIDA Standard 15i).
- Illustrate the ability to contribute to the production of interior contract documents including drawings, detailing, schedules, and specifications appropriate to project size and scope (CIDA Standard 15j).
- Express an awareness of the origins and intent of laws, codes, and standards (CIDA Standard 16a).
- Identify sector-specific regulations and guidelines related to construction (CIDA Standard 16c).
- Apply codes (CIDA Standard 16d) and barrier-free and accessibility regulations and guidelines (CIDA Standard 16e).

COURSE ORGANIZATION

Time: M/W 1:55 – 3:50 pm **Location:** ARCH 213 (Lecture); 310 & 312 (Lab)

Material & Supply Fees: \$2.50

Required Texts

- Ballast, D. (2013). *Interior Construction and Detailing for Designers and Architects, 6th edition*. Professional Publications, Incorporated. ISBN: 978-1591264200.

Recommended Texts

- Allen, E. and Thallon, R. (2017). *Fundamentals of Residential Construction*. (4th Ed.). Hoboken: John Wiley & Sons. ISBN: 978-1-118-97799-6.
- Ching, F. and Adams, C. (2008). *Building Construction Illustrated*. (4th Ed.). New York: John Wiley & Sons. ISBN: 978-0-470-08781-7.

Format

Lectures will occur on Mondays and will consist of material presented by the instructor as well as class discussions based on readings. Reading Assignments will be drawn primarily from the course texts. Assignments are noted on particular dates and should be completed by those dates. Reading will help familiarize you with the lecture material beforehand and will enhance class discussions.

Labs will take place on Mondays Period 8 and Wednesdays during Periods 7 and 8 in studio spaces. Lab Exercises will provide you with the opportunity to apply material learned during lectures and will be structured around a design project given to you at the beginning of the semester. The exercises are sequential and build upon one another to provide you with a partial set of construction documents by semesters end.

Site Visits

Site Visits will provide a connection to course material with important work in the surrounding community. All students will be required to attend these visits, making arrangements to travel if necessary.

Exams

Exams will cover lecture material, reading assignments, and information gleaned from the lab exercises. These exams are intended to assess your understanding of the course content and challenge application of material.

Projects

Projects will help students apply course content to appropriately develop a partial set of construction documents. The lab sessions will focus on project work. Since projects build off each other, it is important that students pay close attention to instructor feedback and make the necessary revisions before the final project submission.

Final Project

Final project will be comprehensive in nature. This project is intended to build upon established knowledge base, small projects and assignments, and course material.

COURSE POLICIES

Attendance

Attendance is essential to the learning process and therefore mandatory in all lectures and labs. You must be present and working for the entire class on the course content (no studio work please) to be marked present. It is expected that students will be both present and on time for each class session, and that the instructor will be notified in advance of any necessary absence in person, by phone or by email. Two unexcused absences will be tolerated without penalty. Each additional unexcused absence will result in a 5% reduction of your course grade. See the university attendance policy for details on acceptable reasons for absence from class: <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/#absencestext>

Project Due Dates

Projects and assignments are to be turned in as specified. No projects will be accepted late except by special permission of the instructor. The exams must be taken at the scheduled times. You must notify the instructor before the exam is scheduled if there are extenuating circumstances. 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/current/regulations/info/attendance.aspx>.

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.

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 accommodation.

Counseling and Wellness Center

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

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 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.

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

Should you have any complaints with your experience in this course please visit <http://www.distance.ufl.edu/student-complaints> to submit a complaint.

Grading Scale

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

Information in regard to UF's grading policy can be found at:
<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Criteria for Grades

Exams	40%
Projects/Lab Exercises	40%
Final Project	15%
Participation	5%

Course Evaluations

Students are expected to provide feedback on the quality of instruction in this course by completing [online evaluations](#). Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students on the [Gator Evals page](#).

Schedule

WK	Dates		Topics / Activities	Due
1	M	08/23	Lecture: Course Overview Lab: Project 1: Getting Started Assign: Read Ch 18 Barrier-Free Design; Review Building Code provided	
	W	08/25	Lab: Project 1; Exercise- Title block, adding new sheets, sheet index	Due: Ch 18 Barrier-Free Design Before next class - Have doors added (reference Ch 18); Read Ch 19 Building Codes & Regulations
2	M	08/30	Lecture: Building Codes, Regulations, & Contract Docs Lab: Project 1; Exercise- Add room tags, dimensions	Due: Ch. 19 Building Codes and Regulations, On Canvas Before next class – Collect desired furniture family files
	W	09/01	Lab: Project 1; Exercise- Adding furniture, tags, schedule	Before next class - Read Ch 17 Structural Coordination
3	M	09/06	<i>No Class – Labor Day</i>	
	W	09/08	Lecture: Foundation Systems and Structural Coordination Lab: Project ; Exercise- Dimensioning, Notes, Room Tags	Due: Ch 17 Structural Coordination Before next class - Read Ch 1 Partitions
4	M	09/13	Lecture: Wall Framing & Partitions Lab: Project 1 – Wrap up; Introduce Project 2 - Review the basics of ADA Restrooms Assign: Project 2 – ADA Restrooms	Due: Ch 1 Partitions
	W	09/15	Field Trip – Floor & Décor Meet at Floor & Décor by 2:25pm Schuluter – The Finishing Touch: Profiles, Drains, and Decorative Shelves; 6-7 pm via Zoom	Due: Project 1 by 11:59pm Before next class – Read Ch 10 Wall finishes and have ADA layout ready for code check
5	M	09/20	Lecture: Interior Wall Finishes Lab: Project 2; Exercise - Code check, tagging, schedule	Due: Ch 10 Wall Finishes
	W	09/22	Lab: Project 2; Exercise – Refining elevations Mapei – How to Select the Proper Mortar for Tile Installation; 6-7 pm via Zoom	Before next class – Read Ch 8 Floor Construction
6	M	09/27	Lecture: Floor Construction Lab: Project 2 Wrap up; Set up Project 3	Due: Ch 8 Floor Construction

			Assign: Project 3 – Finishes	
	W	09/29	Lab: Project 3; Exercise – Finish legend, schedule <i>Laticrete – Understanding the Difference Between Hybrid and Epoxy Grouts</i> ; 6-7 pm via Zoom	Due: Project 2 – ADA Restrooms at the start of class Before next class – Read Ch 9 Floor Finishes
7	M	10/04	Lecture: Floor Finishes Lab: Project 3; Exercises – Key elevations	Due: Ch 9 Floor Finishes
	W	10/06	Exam Review Lab: Project 3; Details	DUE Friday, Project 3: Enlarged Toilet Plans, Elevations (by 11:59 pm)
8	M	10/11	EXAM #1	
	W	10/13	Lab: Project 3 Wrap up	Due: Project 3 by 11:59 pm Before next class – Read Ch 6 Architectural Woodwork
9	M	10/18	Lecture: Cabinetry & Architectural Millwork Lab: Project 4 – Set up views/sheets Assign: Project 4 – Cabinetry	Due: Ch 6 Architectural Woodwork
	W	10/20	Lab: Project 4; Exercise – Enlarged plans, elevations	Before next class – Read Ch 3 & 4; Hand sketch typ. casework section with notes
10	M	10/25	Lecture: Doors & Hardware Lab: Project 4; Exercise - Section	Due: Ch 3 Doors & Ch 4 Hardware
	W	10/27	Lab: Project 4; Exercise – Refining notes & Dimensions Assign: Project 5 – RCP & Coordination	Before next class – Read Ch 2 Ceilings
11	M	11/01	Lecture: Ceilings Lab: Project 5; Exercise – RCP & legend	Due: Ch 2 Ceilings; Project 4 - Cabinetry by 11:59 pm
	W	11/03	Lab: Project 5; Exercise – Power & Communications Plans	Before next class – Read Ch 5 Glazing
12	M	11/08	Lecture: Glazing Lab: Project 5; Exercise – Details	Due: Ch 5 Glazing
	W	11/10	Lab: Wrap up Project 5 Assign: Final Project	Due: Project 5 – RCP & Coordination by 11:59 pm Before next class – Read Ch 20 Means of Egress
13	M	11/15	Lecture: Means of Egress	Due: Ch. 20 Means of Egress

			Lab: Code & Stair Exercises	Before next class – Print your floor plan for life safety exercise
	W	11/17	Lab: Life Safety Exercise; Submit in Canvas by end of class	
14	M	11/22	Guest Lecture – NCIDQ	Before next class – Read Ch 21 Sustainable Design
	W	11/24	<i>No Class - Thanksgiving Holiday</i>	
15	M	11/29	Lecture: Sustainability Lab: Final Project	Due: Ch 21 Sustainable Design
	W	12/01	Lab: Final Project	
16	M	12/06	Lab: Final Project	
	W	12/08	Lab: Final Project	DUE: Final Project (by 2 pm)

FINAL EXAM: December 15TH, 10 AM – 12 PM

***Notes:**

This schedule is a general outline of the course. The instructors reserve the right to alter the course in response to academic conditions and opportunities.