



IND 5427C INTERIOR DESIGN CONSTRUCTION DOCUMENTS
FALL 2024 | 4 CREDITS | DEPARTMENT OF INTERIOR DESIGN
UNIVERSITY OF FLORIDA
COLLEGE OF DESIGN, CONSTRUCTION AND PLANNING

SYLLABUS

INSTRUCTORS

Genesis Okken | gokken@dcp.ufl.edu | Virtual Office: <https://ufl.zoom.us/j/7169838934>
Office 346 ARCH | Office Hours: T/R 1-3 pm; Virtual Office Hour: F 1-3 pm

Roberto Rengel | rregel@ufl.edu | Office: 342 | Office Hours: TBA

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 and different forms of construction. 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

- Illustrate an awareness of the environmental impact of construction (CIDA Standard 15a)
- Demonstrate that design solutions affect and are impacted by:
 - base-building structural systems and construction methods (15b)
 - interior systems, construction, and installation methods (15c)
 - detailing and specification of interior construction materials, products, and finishes (15d)
 - the integration of building systems including electrical (such as power, data, lighting, telecommunications, and audio visual) and mechanical (such as HVAC, plumbing, and sprinklers). (15e)
 - Building controls systems (15f)
 - Vertical and horizontal systems of transport and circulation such as stairs, ramps, elevators, or escalators (15g)
- Demonstrate the formats, components, and accepted standards for an integrated and comprehensive set of interior construction documents. (15h)
- Demonstrate the ability to read and interpret construction documents (15i)
- Produce competent contract documents including drawings, detailing, schedules, and specifications appropriate to project size and scope. (15j)
- Demonstrate an awareness of the origins and intent of laws, codes, and standards (CIDA Standard 16a)
- Illustrate an understanding of detection such as active devices that alert occupants including smoke/heat and alarm systems (CIDA Standard 16d)
- Illustrate and understanding of suppression such as devices used to extinguish flames including sprinklers, standpipes, fire hose cabinets, extinguishers, etc. (CIDA Standard 16f)
- Demonstrate the ability to apply codes for occupancy group and load calculations (16g); movement, travel distance, and means of egress (16h); barrier-free and accessibility regulations and guidelines (16i)

COURSE ORGANIZATION

Time: M/W 1:55 – 3:50 pm **Location:** RNK 225

Material & Supply Fees: N/A

Required Subscription

We will be using **iClicker Cloud** for class participation. You can use your mobile phone or web app to actively participate in class. You will need to create a student account if you have not done so already. This is **FREE** for UF students, so make sure that you are using your UF email when registering for iClicker Cloud. To get started, please follow the instructions noted for students from this site: <https://at.ufl.edu/service-teams/classrooms/classroom-technology/iclicker-response-system/>. In particular, look at the links for downloading the student app and then scroll down until you see the table with content for students listed on the right-hand side.

You need to have an account created and apps downloaded **before** the first lecture. Participation through iClicker will sync with your Canvas gradebook. When you answer a question, half of the points are earned for just participating and the other half assess accuracy.

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 typically occur on Mondays and will consist of material presented by the instructor as well as class discussions based on readings. Assigned readings 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 three hours a week within scheduled class times. 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.

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.

Participation

In addition to attendance, class participation will be assessed using iClicker Cloud. You are expected to stay engaged throughout class and be prepared to answer questions through the app throughout class.

COURSE POLICIES

Attendance

Attendance in lectures and labs is mandatory. You must be present and working for the entire class to be marked present. Attendance is essential to the learning process. 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 the reduction of your course grade by one letter grade. If you have more than six unexcused absences, you will automatically fail the course.

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.

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.

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.

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%
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	08/19	Classes start 8/22	
	W	08/21	Classes start 8/22	Review Course Overview on Canvas Assign: Read Ch 18 Barrier-Free Design; Review Building Code provided
2	M	08/26	Lecture: Building Codes, Regulations, & Contract Docs Lab: Project 1 Getting Started; 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
	W	08/28	Lab: Project 1; Exercise- Add room tags, dimensions, introduction to placing and tagging furniture	Due: Ch. 19 Building Codes and Regulations, On Canvas Before next class – Collect desired furniture family files; Read Ch 17 Structural Coordination
3	M	09/02	<i>No Class – Labor Day</i>	
	W	09/04	Lecture: Foundation Systems and Structural Coordination Lab: Project 1: Exercise - Furniture Plan, Schedule	Due: Ch 17 Structural Coordination Before next class - Read Ch 1 Partitions
4	M	09/09	Lecture: Wall Framing & Partitions Lab: Project 1 – Update wall types/P1 Wrap up; Introduce Project 2 Assign: Project 2 – ADA Restrooms	Due: Ch 1 Partitions Before next class – Collect Revit families for restrooms
	W	09/11	Lab: Project 2 – Creating callouts, elevations, etc.	Due: Project 1 by 11:59pm Before next class – Read Ch 10 Wall finishes and have ADA layout ready for code check
5	M	09/16	Lecture: Interior Wall Finishes Lab: Project 2; Exercise - Code check, tagging, schedule	Due: Ch 10 Wall Finishes
	W	09/18	Lab: Project 2; Exercise – Refining elevations	Before next class – Read Ch 2 Ceilings
6	M	09/23	Lecture: Ceilings Lab: Project 2 Wrap up; Set up Project 3 Assign: Project 3 – RCP & Coordinating Dwgs	Due: Ch 2 Ceilings

	W	09/25	Lab: Project 3 Switching and Power Plans	Due: Project 2 – ADA Restrooms at the start of class Before next class – Read Ch 20 Means of Egress
7	M	09/30	Lecture: Means of Egress Lab: Code & Stair Exercises/ Project 3 plans	Due: Ch. 20 Means of Egress
	W	10/02	Lab: Life Safety Exercise; Submit in Canvas by end of class	DUE Submit LS Exercise; Friday, Project 3—RCP & Coordinating Drawing (by 11:59 pm)
8	M	10/07	Exam Review <i>Tuesday/Thursday Site Walks TBA</i>	
	W	10/09	EXAM #1	Before next class – Read Ch 6 Architectural Woodwork
9	M	10/14	Lecture: Cabinetry & Architectural Millwork Lab: Project 3 Wrap up Assign: Project 4 – Cabinetry	Due: Project 3 by 11:59 pm Ch 6 Architectural Woodwork
	W	10/16	Lab: Project 4; Exercise – Enlarged plans, elevations	Before next class – Read Ch 3 & 4; Hand sketch typ. Casework section with notes Before next class – Read Ch 8 Floor Construction
10	M	10/21	Lecture: Floor Construction Lab: Project 4; Exercise – Section	Due: Ch 8 Floor Construction
	W	10/23	Lab: Project 4; Exercise – Refining notes & Dimensions	Before next class – Read Ch 9 Floor Finishes
11	M	10/28	Lecture: Floor Finishes Lab: Project 4 Wrap up Assign: Final Project	Due: Ch 9 Floor Finishes; Project 4 – Cabinetry by 11:59 pm
	W	10/30	Lab: Final Project - Revisions	
12	M	11/04	Lecture: Doors & Hardware Lab: Final Project - Finish plan	Due: Ch 3 Doors & Ch 4 Hardware
	W	11/06	Lab: Final Project – Finish legend	Before next class – Read Ch 5 Glazing
13	M	11/11	<i>No Class – Veteran’s Day</i>	

	W	11/13	Lecture: Glazing Lab: Final Project – Finish Schedule	Due: Ch 5 Glazing Before next class – Read Ch 21 Sustainable Design
14	M	11/18	Lecture: Sustainability Lab: Final Project	Due: Ch 21 Sustainable Design
	W	11/20	Lab: Final Project	
15	M	11/25	<i>No Class – Thanksgiving Holiday</i>	
	W	11/27	<i>No Class – Thanksgiving Holiday</i>	
16	M	12/02	Lab: Final Project	
	W	12/04	Lecture: Exam Review Lab: Final Project	Due: Final Project (by midnight)

FINAL EXAM: TBA

***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.