

Department of Interior Design
College of Design, Construction and Planning
University of Florida

IND 4450C

Advanced Interior Design Detailing

Fall 2022 (4 credits)

Meeting Time **M/W** 1:55 pm – 3:50 pm

Faculty Jason Meneely, Associate Professor
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Course Overview

Advanced problems in design and detailing of interior finish systems such as interior architecture and cabinetry. Exploration and production of interior mechanical, millwork drawings, and construction documents. Integration of building codes and life safety issues.

The course is organized to illustrate that detailing is an integral part of an ongoing design process. Just as there is no single procedure for designing spaces, there is no exact method, technique, or formula for the designing of details. The ability to communicate your design intentions to the contractor or fabricator is critical to the successful and efficient completion of your design project. This is the final course in a technical series that serves to integrate key concepts and knowledge. Prerequisite courses are IND 3216 (Architectural Interiors II) and IND 3424 (Interior Design Construction Documents).

Course Objectives

In accordance with the Council for Interior Design Accreditation Standards this course will help students:

- Demonstrate the ability to select, interpret, and apply appropriate ergonomic and anthropometric data. (S 3c)
- Demonstrate understanding and the ability to appropriately apply universal design concepts. (S 3d)
- Use sketches as a design and communication tool (ideation drawings). (S 6c)
- Produce competent presentation drawings across a range of appropriate media. (S 6d)
- Produce competent contract documents including coordinated drawings, schedules, and specifications appropriate to project size and scope and sufficiently extensive to show how design solutions and interior construction are related. (S 6e)
- Integrate oral and visual material to present ideas clearly. (S 6f)
- Effectively apply the elements, principles, and theories of design to two-dimensional & three-dimensional design solutions. (S 9a.b)
- Have awareness of a broad range of materials and products & typical fabrication and installation methods, and maintenance requirements. (S 11a.b)
- Select and apply appropriate materials and products on the basis of their properties and performance criteria, including environmental attributes and life cycle cost. (S 11c)
- Are able to layout and specify furniture, fixtures, and equipment. (S 11d)
- Demonstrate knowledge of interior construction and building systems (S 13).
- Demonstrate non-structural systems including ceilings, flooring, and interior walls (S 13b).
- Demonstrate understanding that design solutions affect and are impacted by energy, security, and building controls systems; the interface of furniture with distribution and construction systems; vertical circulation systems. (S 13d, e, f)

- Demonstrate the ability to read and interpret drawings and documents (S 13g).
- Have awareness of industry-specific regulations. (S 14b)
- Understanding of laws, codes, standards, and guidelines that impact fire and life safety including compartmentalization and movement (S 14c, d).
- Select and apply appropriate federal, state/provincial, and local codes; standards; and accessibility guidelines (S 14g, h, i).

Course Structure

1. Lectures by faculty and other professionals will be presented in visual format.
2. Outside work will include text and other assigned readings, library/web research, site visits, and project administration.
3. Two semester projects (1 individual, 1 team) will give students the chance to apply course concepts.

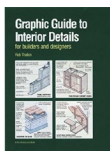
Projects & Grading

Each student is expected to be prepared, on time, and ready to participate in course presentations and discussions. Due to the interactive nature of this course, missing class severely impedes your progress in this course and late or missing homework can affect your overall grade. Excused absences may be made up on a case-by-case basis, see instructors if this is needed. Your grade this semester will be determined according to the following prioritized components:

Project 1: Coffee Kiosk Design, Detailing, and Drawings	50%	
Project 2: Full Scale Design and Fabrication	40%	
Participation	10%	
Final Grade		100%
A = 93 – 100%		C = 73 – 76%
A- = 90 – 92%		C- = 70 – 72%
B+ = 87 – 89%		D+ = 67 – 69%
B = 83 – 86%		D = 63 – 66%
B- = 80 – 82%		D- = 60 – 62%
C+ = 77 – 79%		E < 60%

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

Recommended Texts



Rob Thallon. (1996). **Graphic Guide to Interior Details for Builders and Designers**
 (Should already have this: Approx. \$17-24)

Reference Texts

- *Interior Construction and Detailing for Designers and Architects* (2005). Ballast, David K. Belmont: Professional Publications, Inc
- *Specifications for Commercial Interiors: Professional Liabilities, Regulations, and Performance Criteria* (1989). Reznikoff, S. C. New York: Watson-Guptill Publications
- *Architectural Woodwork Quality Standards* (1999). Restin: Architectural Wood Institute (AWI) <http://www.awinet.org/>
- *Interior Design Reference Manual* (2002) Ballast, David. K. Belmont: Professional Publications, Inc.
- *International Building Code* (2000) Falls Church, VA.: The Council.
- *The Codes Guidebook for Interiors* (2003) Harmon, Sharon K. New York: John Wiley and Sons, Inc
- *Graphic Guide to Frame Construction* (1991) Thallon, R. Newtown: The Taunton Press, Inc.

- *Building Construction Illustrated* (1991) Ching, Francis D.K. New York :Van Nostrand Reinhold
- *Florida Building Code, 2nd Ed.* (2001) State of Florida. www.floridabuilding.org

Course Policies

1. Each student is expected to be prepared, on time, and ready to participate in course presentations and discussions.
2. **Attendance:** The instructor operates under the assumption that you are mature adults who are intrinsically motivated to learn and attend class; as such, this course commences without a formalized attendance policy. Attendance will be taken daily for information purposes. If for any reason attendance becomes an issue, the instructor reserves the right to implement a formalized attendance policy.
3. Repeatedly missing class, lateness and/or early departure will result in a reduction of your final participation grade.
4. Late projects will not be accepted without prior instructor approval.
5. Failure to bring required assignments and materials may result in a reduction of your final project grade.

Special accommodations

Students requesting classroom accommodation must first register with the Disability Resource Center at University of Florida Dean of Students Office, see <http://handbook.gg.ufl.edu/policies.aspx>. 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.

Materials and Supplies

This course is composed of two main projects that will require students to acquire modeling materials for 3d representation of their project.

Project 1 will require to construct a high-quality scale model of your final design solution using cardboard, chipboard, basswood, homosote, plastic, glass, or other materials as appropriate.

Project 2 will require the use of the FabLab. The FabLab has a fee for one month of machine use. In addition, materials to complete the project can be bought in FabLab's Material shop (<https://fablab.arts.ufl.edu/material-shop/>) and will depend directly on the design proposed by each student.

An overall estimate budget of FabLab use and material costs for this course is \$133. **Note:** *This budget will vary depending on the design of each student.*

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) 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.

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 (contact them in advance)

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.

Campus Resources

Health and Wellness Resources

U Matter, We Care: If you or someone you know is in distress, please contact umatter@ufl.edu, 352-392-1575, or visit [U Matter, We Care website](#) to refer or report a concern and a team member will reach out to the student in distress.

Counseling and Wellness Center: Visit the [Counseling and Wellness Center website](#) or call 352-392-1575 for information on crisis services as well as non-crisis services.

Student Health Care Center: Call 352-392-1161 for 24/7 information to help you find the care you need, or visit the [Student Health Care Center website](#).

University Police Department: Visit [UF Police Department website](#) or call 352-392-1111 (or 9-1-1 for emergencies).

UF Health Shands Emergency Room / Trauma Center: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road,

Gainesville, FL 32608; Visit the [UF Health Emergency Room and Trauma Center website](#).

Academic Resources

E-learning technical support: Contact the [UF Computing Help Desk](#) at 352-392-4357 or via e-mail at helpdesk@ufl.edu.

Career Connections Center: Reitz Union Suite 1300, 352-392-1601. Career assistance and counseling services.

Library Support: Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center: Broward Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.

Writing Studio: 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.

Student Complaints On-Campus: [Visit the Student Honor Code and Student Conduct Code webpage for more information.](#)

On-Line Students Complaints: [View the Distance Learning Student Complaint Process.](#)

Note:

**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.*

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

COURSE SCHEDULE

AUGUST		
WEEK 1		W 24 Course Overview / Begin Project 1
WEEK 2	M 29 Concept development	W 31 Idea exploration and class critique.
SEPTEMBER		
WEEK 3	M 5 HOLIDAY	W 7 Class critique and working time on model production
WEEK 4	M 12 P1: Phase 1 Due (Start of Class) Scale model of the Coffee Kiosk in a 1'=1'-0" scale. Introduce Phase 2	W 14 Class critique Digital modeling software exploration
WEEK 5	M 19	W 21 Class critique and working on progress drawings and digital model
WEEK 6	M 26 P1: Phase 2 Due (On CANVAS, Start of Class) Detail drawings and digital model	W 28
OCTOBER		
WEEK 7	M 03 FabLab introduction	W 05
WEEK 8	M 10 Class critique check point towards final deliverables.	W 12 SENIOR TRIP
WEEK 9	M 17	W 19
WEEK 10	M 24 P1: Final Phase Due (On CANVAS, Start of Class) Completed Polished set of drawings and finalized digital model Kick Off Project 2	W 26 Professional development to use the cutting machines.
NOVEMBER		
WEEK 11	M 31	W 02
WEEK 12	M 07 P2: Phase 1 Due (Start of Class) Concept development for project 2 and basic digital exploration.	W 09 Class critique
WEEK 13	M 14 Final revision of drawings previous to Phase 2 deliverable	W 16 P2: Phase 2 Due (Start of Class) Finalized Drawings and process ready to start prototype production
WEEK 14	M 21	W 23 HOLIDAY: Thanksgiving

WEEK 15	M 28	W 30
DECEMBER		
WEEK 16	M 05 Production time in FabLab	W 07 P2: Final Due