



## SYLLABUS

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### Instructor

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Office Hours: M, W 12:45-1:45pm or by appointment

### 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, with a particular focus on wood frame 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

- Demonstrate understanding of the concepts, principles, and theories of sustainability as they pertain to building methods, materials, systems, and occupants (Council Standard 2a).
- Apply a variety of communication techniques and technologies appropriate to a range of purposes and audiences (Council Standard 6a).
- Produce competent presentation drawings across a range of appropriate media (Council Standard 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 (Council Standard 6e).
- Present exposure to the role and value of public and community service (Council Standard 7j).
- Effectively apply the elements, principles, and theories of design to two and three-dimensional design solutions (Council Standards 9a, b).
- Select and specify furniture, fixtures, and equipment and finish materials in interior spaces (Council Standard 11).
- Demonstrate awareness of typical fabrication and installation methods, and maintenance requirements (Council Standard 11b).

- Demonstrate knowledge of interior construction and building systems (Council Standard 13).
- Demonstrate understanding of structural systems and methods (Council Standard 13a).
- Demonstrate non-structural systems including ceilings, flooring, and interior walls (Council Standard 13b).
- Demonstrate the ability to read and interpret drawings and documents (Council Standard 13g).
- Understanding of laws, codes, standards, and guidelines that impact fire and life safety including compartmentalization and movement (Council Standards 14c, d).
- Select and apply appropriate federal, state/provincial, and local codes; standards; and accessibility guidelines (Council Standards 14g, h, i).

## COURSE ORGANIZATION

### Required Texts

- Allen, E. and Thallon, R. (2011). *Fundamentals of Residential Construction*. (3rd Ed.). Hoboken: John Wiley & Sons. ISBN: 978-0-470-54083-1.
- Ching, F. and Adams, C. (2008). *Building Construction Illustrated*. (4th Ed.). New York: John Wiley & Sons. ISBN: 978-0-470-08781-7.

### Recommended Texts

- Allen, E. and Iano, J. (2013). *Fundamentals of Building Construction*. (6th Ed.). Hoboken: John Wiley & Sons. ISBN: 978-1-118-13891-5.
- Ballast, D. (2013). *Interior Construction and Detailing for Designers and Architects, 6th edition*. Professional Publications, Incorporated. ISBN: 978-1591264200.
- Duell, R., Hathorn, T., & Hathorn T. A. (2014). *Autodesk Revit Architecture 2015*. New York: John Wiley & Sons. ISBN: 978-1-118-87095-2.
- Krygiel, E., Read, P., & Vandezande, J. (2014). *Mastering Revit Architecture 2015*. New York: John Wiley & Sons. ISBN: 978-1-118-86285-8.
- Kilmer, W. O. and Kilmer, R. (2009). *Construction Drawings and Details for Interiors, 2<sup>nd</sup> Edition*. Hoboken: John Wiley & Sons. ISBN: 978-0-470-19041-8.
- Thallon, R. (1998). *Graphic Guide to Interior Details*. The Taunton Press. ISBN: 1-56158-324-3.
- Thallon, R. (2000). *Graphic Guide to Frame Construction*. The Taunton Press. ISBN: 1-56158-353-7.

### Format

Lectures will occur on Mondays during Period 7 in Room 213 ARCH 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 or 411. 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/ Community Service**

Site Visits/ Community Service 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.

## **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 absences will be tolerated without penalty. Each additional absence will result in the reduction of your course grade by one letter grade. If you have more than six 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.

### **Grading Scale**

<b>A</b>	93-100	4.0
<b>A-</b>	90-92.9	3.67
<b>B+</b>	87-89.9	3.33
<b>B</b>	83-86.9	3.0
<b>B-</b>	80-82.9	2.67
<b>C+</b>	77-79.9	2.33
<b>C</b>	73-76.9	2.0
<b>C-</b>	70-72.9	1.67
<b>D+</b>	67-69.9	1.33
<b>D</b>	63-66.9	1.0
<b>D-</b>	60-62.9	.67
<b>E</b>	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	45%
Final Project	15%

### **Course Evaluations**

Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. 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 at <https://evaluations.ufl.edu>