Const. Tech. and Res. Codes

INTD - 2200 001

Course Description

Study of construction principles from the viewpoint of the Interior Designer. Student will be the Interior Designer for a Residential Project during the entire class. They will become familiar with their role as Interior Designers in the construction process by researching code requirements, meeting with clients and developing a solution to their design problem.

Prereq: INTD 1450 Basic CAD for Interior Design, INTD 1950 Materials- with concurrency, INTD 2370 Fundamentals of Revit- with concurrency.

Semester: Fall & Spring

Course Student Learning Outcomes

- Integrate the sequence of the construction process with the Interior Design process to complete a remodel or new construction project.
- Demonstrate professionalism through high quality presentations (contract documents, presentation drawings, and 3-D models) that communicate a client's specific requirements.
- Estimate the cost of a new construction/remodeling project relating to Interior Design.
- Evaluate and apply residential building codes to a remodel/new construction project.
- Demonstrate the proper use of industry terminology which will allow students to communicate effectively with other similarly engaged professionals.

- Evaluate and apply the acquired information from clients to incorporate in a project of both new construction and remodels.

Course Prerequisites

INTD 1450 CAD for Interior Design. If you are in CAD currently, please drop this course and take it after CAD has been passed.

INTD 1950 Materials and Resources for Interior Design can be taken before or at the same time as this class.

INTD 2370 Fundamentals of Revit can be taken before or at the same time as this class. However, it is strongly recommended to take it before.

Text Books, Supplies and Software

There are 2 texts required for this course. Good news is you should already have them as they are both from INTD 1100 Drafting!

Construction Drawings and Details for Interiors.4th edition. W. Otie Kilmer and Rosemary Kilmer, 2021, John Wiley and Sons. ISBN 978-1-119-71434-7.

Residential Interior Design: A Guide to Planning Spaces, 4th edition. Maureen MItton and Courtney Nystuen, 2022. ISBN 978-1-119-65342-4.

Software and Supplies

- The assignments can be completed with the software of your choice. The most important aspect is professionalism in creating industry standard documents and presentations. CAD and Revit are prerequisites for this course, and either can be used. A laptop or PC with either functioning is required, or plan time each week to work in the interior design computer lab. SketchUp will also be used for conceptualization and 3D rendering which is also on our lab computers.
- Drafting tools from INTD 1100: architectural scale, tracing paper, vellum, t-square and triangle.

- Poster board for an in-class exercise. I will give you more details the week before it is required.

Engagement Plan

The best way to reach me is by e-mailing me through Canvas. To do that click on "In Box" in the far left navigation menu. I will check my e-mail through-out the day. However, the last I will check it will be at 4:00 pm and the earliest is at 7:00 am. Give yourself a little room completing assignments before they are due, so you can ask questions if you need to. In addition, those hours don't apply to the weekend. It is important to start and view the assignments earlier in the week so you can ask your questions then.

Instructor:

- I will respond to your emails and questions within 24 hours, M-F. (Usually sooner)
- Assignments will be graded asap but not longer than 7 days from time of due date.
- Every Monday at 6 a.m. an Announcement will be sent with a reminder of items that are due and supplies required to bring to class.

Student:

- Monday: Check the announcement.
- Tuesday: Be punctual attending class and come prepared with required materials for the week. Many weeks we will be doing in class exercises or assignments.
- Tuesday through Sunday: Do the required readings for the week and work on the assignment. Take the quiz, if applicable.
- Monday: Upload assignments due for the week by 11:59 pm. Some assignments will be due in class. The due dates will always be listed on the assignment info and show on the student To Do list on the course home page.

Keys for Success (how to succeed in the course)

- All work that is turned in should be neat and professional. There will be detailed instructions and rubrics with each assignment that will go over the specific

requirements and expectations for each assignment.

- It is expected that skills and knowledge are used from previous courses, as this is an advanced course in the Interior Design program, and projects will be graded accordingly. For example, high quality presentations, correct hand and CAD drawing and drafting standards, and good design (elements and principles of design) adhered to in all projects.

- Attend class and stay engaged! Usually the students that don't do well in this course, are the ones that do not attend.

Additional Policies

Late Work: Late work is grudgingly accepted. This is an advanced course, and professionalism is expected. 10% first class period it is late, 1/2 credit thereafter. Quizzes will not be opened or accepted after due date.

Attendance and participation is expected each week. There are several in class exercises, assignments, and peer reviews that are important to take part in.

Incomplete Grade: An incomplete is a conditional grade given only in extraordinary cases where a student has completed a major portion of the class but is unable to complete course work due to circumstances beyond their control such as major illness/injury or a death in the family. Written documentation from your physician will be required. This link will take you to SLCC's policy on [Incomplete Grades](#).

Communication: It is very important in this course that all communication through Discussions and e-mails be held with respect. Rudeness and disrespect will not be tolerated. The communication policy is on the Introductory page and talks about Netiquette, please review it if you haven't already.

Cheating policy:Students are not allowed to use others intellectual property for their final project, including plans found online. All reports, discussions, and essay questions on exams should be in your own words. Please see further information on plagiarism found in the Institutional Syllabus linked below.

AI: Generative artificial intelligence (AI) software is a rapidly emerging tool that students may be interested in using. If doing so, SLCC students are expected to adhere to the same

standards as the Code of Student Rights and Responsibilities statement on plagiarism. Presenting generative AI software content as your own is a violation of academic integrity. If you use generative AI in your work, you must indicate that you have done so.

What you cannot do is use it to write or design things for you. The first issue is that it is not your own work therefore it is a form of plagiarism. You are here to learn how to think and build your own skills in critical thinking in designing, writing and communication.

The second big issue is the way AI works is that it finds patterns and so it can create information based on patterns (so, it will fill in the blanks). This is problematic because the information and source material used to train AI is not always transparent nor is it peer reviewed, so it is not a reliable academic source.

If it is used to write essay questions on exams and for information on presentations, you will receive a 0 for the assignment.

What it can be used for. In creative fields, like Interior Design, AI can be a useful tool in conceptualizing initial design concepts. So, it can be used as a starting point to help clarify your own design concept and vision. In this course for example, it could be used to visualize initial selections and color schemes and your general design concept. However, the final presentation nor any of the assignments can use AI, as the specific selections and custom design needs to be represented. The final rendering cannot be created with AI or you will receive a zero. It is a form of cheating. It can be used to enhance your rendering, after the initial rendering was created by you. You will be expected to submit the initial rendering used and the prompts used to enhance it.

Grading Scale

 A (100-93), A-(92-90), B+(89-87), B(86-83), B-(82-80), C+(79-77), C(76-73), C-(72-70), D+ (69-67), D(66-63), D-(62-60), E(59-0).

Important: Beginning Fall 2025 all grades in Interior Design Courses need to receive a C or better.

Brief Description of Assignments/Exams

40% Assignments: Most assignments are incremental steps to completing the course project. There are some exercises and assignments to reinforce concepts in some of the modules, which will be completed in class.

10% Quizzes: There are 7 quizzes. They are a review of the weekly content, are typically 10 questions, and have a time limit of 1/2 hour.

10% Attendance: Attendance and participation are expected each week.

40% Course Project: This will be worked on incrementally throughout the semester. It is a residential project that you will be designing, space planning, creating conceptual drawings and presentations, and an industry standard plan set. A 3D rendering will also be required.

How to Navigate to Canvas

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	[Extra credit](#)	Assignment	0
	[Revit Family Waiver & Introduction](#)	Assignment	0
	[Roll Call Attendance](#)	Assignment	100
9/8/25	[Discussion: Zoning Research](#)	Discussion	20

Due Date	Assignment Name	Assignment Type	Points
9/8/25	Quiz 1: IRC Practice	Quiz	11
9/9/25	Construction Document Scavenger Hunt	Assignment	30
9/15/25	Quiz 2: Context, Zoning and Codes	Quiz	13
9/16/25	Space Planning Exercise	Assignment	30
9/22/25	1 Course Project: Analysis and Programming	Assignment	50
9/22/25	Quiz 3: Site Work and Foundations	Quiz	10
9/23/25	Setting-up the Revit Project	Assignment	20
9/29/25	Quiz 4: Framing	Quiz	15
9/30/25	Discussion: Exterior Finish Materials	Discussion	10
10/6/25	2 Course Project: Exterior Concept and Floor Plan Blocking	Assignment	40
10/6/25	2 Course Project: Exterior Concept Board Discussion	Discussion	25
10/13/25	Quiz 6: Windows and Doors	Quiz	10
10/20/25	3 Course Project: Sheets and Rough Draft Floor Plan	Assignment	50

Due Date	Assignment Name	Assignment Type	Points
10/20/25	Quiz 7 Plumbing and HVAC	Quiz	10
10/27/25	5 Course Project: Electrical/Lighting Plan	Assignment	35
10/27/25	Quiz 8 Electrical and Lighting	Quiz	12
10/28/25	Roof Exercise: In class exercise	Assignment	20
11/3/25	4 Course Project: Refined Floor Plan and Concept Board	Assignment	80
11/3/25	Discussion: Schedules	Discussion	20
11/17/25	6 Course Project: Preliminary Interior Elevations	Assignment	50
12/8/25	Course Project: Final Presentation	Assignment	100
12/15/25	Course Project: Construction Documents	Assignment	300