

Kitchen & Bath Design

INTD - 2400 401

Course Description

This course is an overview of the principles of kitchen and bath design, including space planning with NKBA (National Kitchen and Bath Association) standards and industry standard presentation drawings and specifications. Cabinetry, appliances, finish materials, sustainability, and Universal Design concepts relating to kitchen and bath design are also covered. It is recommended students complete INTD 2370 prior to taking this course.

Pre-Requisite(s): INTD 1450

Semester(s): Fall & Spring

Course Prerequisites

Prerequisite: INTD 1450 Basic CAD for Interior Design. **(If you have not successfully completed CAD, please drop this course.)**

Recommended Prerequisite: INTD 2370 Fundamentals of Revit

Course Student Learning Outcomes

- Apply the Design Process to a Kitchen and Bath project.
- Create a design solution utilizing the NKBA (National Kitchen and Bath Association) Guidelines, efficient space planning, and aesthetic design to a kitchen and bath

design.

- Apply Universal Design concepts to kitchen and bath designs and product specifications.
- Produce NKBA entry level industry drawings and specifications for kitchen and bath designs including, floor plans, elevations, schedules, and mechanical drawings.
- Analyze the appropriate material, fixture and appliance selections for specific client requirements.
- Select cabinetry and millwork regarding construction and quality.

Textbook, Supplies and Software

Textbooks:

Required Text: *Residential Interior Design-A Guide to Planning Spaces*, 4th Ed. Maureen Mitton and Courtney Nystuen. This is one of the books from INTD 1100 Drafting, **so you should already have it.**

Optional Text: NKBA published a new guideline book in 2022.. We will talk about it in our first meeting. This is the link to NKBA to purchase, if you would like. Student NKBA members get a discount on the price.

This is the link to the new [guideline book from NKBA](#).

Supplies:

- The first assignment will be completed with CAD. Later assignments can be completed with the software of your choice. The most important aspect is professionalism! A laptop or pc with either CAD or Revit is required, or plan on time in the interior design computer lab. Sketch-up will be used for a 3D rendering. There is a module with tutorials in this course to learn it if you didn't in INTD 1300.
- Architectural scale, tracing paper, vellum, and drafting tools from INTD 1100.
- ¼" Graph paper

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.

Student:

- Be on time for class. It is disruptive to the entire class when students arrive late.
- Wednesday through Sunday: Begin the assignment and do the reading for the next week.
- Tuesday: Upload assignments and complete the quiz due for the week by 11:59 pm.

Grading Scale

Grades are calculated at Assignments 40%, Final Project 45%, Attendance 10% and Quizzes 5%: 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.

Academic Integrity

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.

Brief Description of Assignments/Exams

Attendance 10%:

Attendance is required for this class as instruction will be given pertinent to class material and will not be repeated. Lectures may or may not represent information acquirable from the readings or other sources. Therefore, if a student misses a class, it is his/her responsibility to make arrangements for notes from a peer. Attend class prepared to

participate in discussions from reading assignments. There will be 2 or 3 field trips. If you are absent, a one page report will be due for the topic.

Quizzes 5%: There are 6 quizzes the first part of the semester, taken online. They are mainly on the clearances and NKBA guidelines. They are 10 points each of mostly multiple choice questions. They will open after class on the day they are assigned, and be due the following Monday at 11:59 pm.

Assignments 40%:

- Universal Bathroom Design. A bathroom remodel with a concept board and NKBA industry standard floor plan.
- Assignment Kitchen Remodel. Evaluation of a kitchen from a previous project remodeled to incorporate NKBA Guidelines.
- Schematics and Design Program for the Final Project.
- Preliminary Floor Plan and Rough Elevations for the Final Project.
- Extra Credit. Maximum of 10% of grade. There will be a variety of opportunities.

Final Project 45% This will be worked on incrementally for most of the semester. Five options and floor plans will be provided to complete a kitchen remodel from conceptualization to working drawings. There is a Client Presentation which will include a 3D digital rendering, and an industry standard plan set.

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.

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.

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](#)

How to Navigate to Canvas

Weekly Class Meeting Location

It is important to have your notification preferences set to immediately receive emails and announcements from this course. For field trips, the location and meeting time will be sent in an announcement.

Our class is scheduled for TB 305 B, which is the Interior Design Computer lab.

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	Extra Credit	Assignment	0
	Roll Call Attendance	Assignment	100
9/9/25	Discussion: Visit a Bathroom Fixture Showroom	Discussion	20
9/9/25	Extra Credit-Join NKBA	Assignment	0
9/16/25	Quiz 1: NKBA Bathroom Standards	Quiz	10
9/16/25	Assignment: Universal Bathroom Design	Assignment	80
9/23/25	Quiz 2: Kitchen Design	Quiz	9
9/23/25	Sign-up for Final Project Client	Discussion	5
9/24/25	Exercise: Kitchen Remodel Part 1	Assignment	10
9/24/25	Exercise: Kitchen Remodel	Assignment	20
9/30/25	Assignment: Schematics for the Final Project	Assignment	40
9/30/25	Quiz 3: Kitchen Design	Quiz	8

Due Date	Assignment Name	Assignment Type	Points
10/7/25	Quiz 4: Kitchen Infrastructure	Quiz	7
10/7/25	Revit Family Waiver & Introduction	Assignment	0
10/8/25	Exercise: Cabinet Elevation Practice	Assignment	10
10/14/25	Assignment: Refined Floor Plan	Assignment	40
10/14/25	Quiz 5: Cabinets	Quiz	9
10/21/25	Assignment: Concept Board	Assignment	50
10/21/25	Discussion: Cabinet Inserts	Discussion	0
11/4/25	Assignment: Preliminary Elevations	Assignment	40
11/11/25	Assignment: Plumbing Fixture and Appliance Schedule	Assignment	30
12/2/25	Client Presentation	Assignment	150
12/9/25	Final Project Plan Set Submission	Assignment	280