**SR | SUL ROSS**
THE FRONTIER UNIVERSITY of Texas

# IT 3301:001, INTRODUCTION TO KITCHEN/BATH DESIGN, SPRING 2025

# COURSE SYLLABUS

Instructor: Carolyn Barrientes, MFA

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Class Time: 1:00pm-2:45pm Tues/Thurs

Location: IT building, classroom 103, **Method of Delivery: Face-to-Face**

<u>Course Description:</u> This course will provide students with the knowledge and skills necessary to design and model kitchens and bathrooms using Chief Architect software. Students will learn about design principles, layout considerations, and the use of various tools within the software to create functional and visually appealing spaces.

Kitchens and bathrooms are the two most functional rooms in the house, and also the most code-intensive. It is imperative that design professionals stay up to speed on the latest guidelines to ensure the safety and efficiency of their projects.

- Get up to date on the latest kitchen and bath codes
- Reference a new range of standards for clearance, ventilation, and more
- Design for storage based on the results of university research
- Examine illustrative and descriptive plans, sections, and perspective views

The NKBA guidelines are based on a composite of historical review, current industry environment and practices, emerging trends, consumer lifestyles, research, and building codes. These factors combine to help kitchen and bath professionals create designs that are beautiful, functional, accessible, and safe.

**Students will design a kitchen and bathroom using Chief Architect software; Projects should include detailed floor plans, elevations, sections, and renderings; Projects should demonstrate a strong understanding of design principles, software tools, and industry standards.**

**Course Objectives:**  Upon completion of this course, students will be able to:

- Understand fundamental design principles for kitchens and bathrooms.
- Utilize Chief Architect software to create 2D floor plans and 3D models of kitchens and bathrooms.
- Apply professional design standards and guidelines (e.g., NKBA standards).
- Effectively use Chief Architect's tools for cabinet design, fixture placement, and material selection.
- Create realistic renderings and visualizations of kitchen and bath designs.
- Create professional presentation boards showing samples of products, materials, color selections, furnishing, fabrics and equipment for example.
- Develop a comprehensive understanding of kitchen and bath workflow within Chief Architect.
- Generate construction drawings and documentation for kitchen and bath projects.

**Other Course Objectives for Kitchen & Bath: Product Knowledge:**

 ●Demonstrate knowledge of cabinetry styles, types, construction methods, materials, sizes, hardware, etc.
● Demonstrate product knowledge to specify appropriate material, equipment, fixtures, etc., to meet the needs of the consumer/client
● Demonstrate competence in reading, ordering, and selecting materials from specification sheets for kitchen and bath products as related to cost, size, client needs, energy, safety, and design.
● Demonstrate skill in identifying sources for new products and technologies.

**Textbook Requirement:** NKBA Kitchen and Bathroom Planning Guidelines with

Access Standards, 2nd Edition (Available at SRSU bookstore)



**Supplemental/Reference book:**  The Interior Design Reference and Specification Book; by Chris Grimley and Mimi Love   ISBN: 978-1-63159-380-2 paperback

<u>Grading Requirements:</u>

All work will be graded on specific criteria using the following guidelines. Any work assigned will be graded on a 100-point (percentage) scale. Criteria for grading will include accuracy of content, appropriateness of content for assignment, presentation, and clarity.

Projects in the lab will be graded on accuracy, neatness, content, adherence to standards, adherence to assignment, and workmanship.

Final grades will be determined by totals in these areas:

- 25% class participation and attendance, site visits
- 25% midterm project or exam - TBD
- 25% daily work assignments: lab work
- 25% Presentation of a final project (individual project)

In the event one of the above categories is not completed during the course that percentage will automatically be divided between the other categories at the same level. All assignment points will be converted to percentages for individual assignment letter grades.

Grades will be earned on the basis that "C" is average work, "B" is above average work, and "A" is well above average work. Barring any unusual circumstances there will be NO INCOMPLETES given at the end of this semester.

Quality of work: Assignment grading will be primarily based on the overall quality of work. Effort and progress are important factors as well and will be taken into consideration. All class assignments must be completed to earn a passing grade.

<u>Due Dates</u>: All assignments should be submitted on time. Work submitted late will be subject to a lower grade,

<u>Participation</u>: Students are expected to come to class prepared to engage in coursework with a respectful and attentive demeanor. Students are required to participate during critiques, work collaboratively when the situation is called for and work with other students and help foster a positive environment in the classroom.

<u>Class Attendance</u>:

Class attendance is mandatory. Students are required to attend all classes for the full duration of the class. Students having unexcused absences maybe subject to a lowered semester grade. Excessive absences may result in failure of the course.

<u>SRSU ADA Statement</u>:
SRSU Accessibility Services. Sul Ross State University (SRSU) is committed to equal access in compliance with the Americans with Disabilities Act of 1973. It is SRSU policy to provide reasonable accommodations to students with documented disabilities. It is the student's responsibility to initiate a request each semester for each class. Students seeking accessibility/accommodations services must contact Mrs. Mary Schwartze Grisham, LPC, SRSU's Accessibility Services Director or Ronnie Harris, LPC, Counselor, at 432-837-8203 or email [mschwartze@sulross.edu](mailto:mschwartze@sulross.edu) or [ronnie.harris@sulross.edu](mailto:ronnie.harris@sulross.edu). Our office is located on the first floor of Ferguson Hall, room 112, and our mailing address is P.O. Box C122, Sul Ross State University, Alpine. Texas, 79832.

**<u>Student Responsibilities Statement</u>:**

All full-time and part-time students are responsible for familiarizing themselves with the [Student Handbook](#) and the [Undergraduate & Graduate Catalog](#) and for abiding by the [University rules and regulations](#). Additionally, students are responsible for checking their Sul Ross email as an official form of communication from the university. Every student is expected to obey all federal, state and local laws and is expected to familiarize themselves with the requirements of such laws.

<u>Library Information</u>:

The Bryan Wildenthal Memorial Library in Alpine offers FREE resources and services to the entire SRSU community. Access and borrow books, articles, and more by visiting the library's website, library.sulross.edu. Off-campus access requires logging in with your LoboID and password. Librarians are a tremendous resource for your coursework and can be reached in person, by email (srsulibrary@sulross.edu), or phone (432-837-8123). The Southwest Texas Junior College (SWTJC) Libraries at Uvalde, Del Rio, and Eagle Pass. Offer additional access to library spaces and resources. Del Rio, Eagle Pass, and Uvalde students may also use online resources available through SWTJC website, library.swtjc.edu. The SWTJC Libraries serve as pick-up locations for Inter-Library Loan (ILL) and Document Delivery from the Alpine campus.

<u>Classroom Climate of Respect</u>:

Importantly, this class will foster free expression, critical investigation, and the open discussion of ideas. This means that all of us must help create and sustain an atmosphere of tolerance, civility, and respect for the viewpoints of others. Similarly, we must all learn how to probe, oppose, and disagree without resorting to tactics of intimidation, harassment, or personal attack. No one is entitled to harass, belittle,

or discriminate against another person on the basis of race, religion, ethnicity, age, gender, national origin, or sexual preference. Still, we will not be silenced by the difficulty of fruitfully discussing politically sensitive issues.

## Class Structure:

This course is designed to be a guided study and not just dissemination of information. It will be run on a lecture\discussion\activity format. Lectures will utilize power point slides, demonstrations, videos, and visits to the internet and field trips around Alpine, TX.  Lectures will be given primarily to enhance and answer questions about the material that should have been studied prior to the class period. There may be some step-by-step guided practice, individual assistance, and demonstrations during the scheduled class time in areas where there seems to be a need. It is essential that everyone be in attendance for the scheduled meetings for sharing information, demonstrations, activities, and so questions are answered.

## Time Commitment:

Students should be prepared to spend at least 4-6 hours per week outside of class on assignments that will include: Homework, Reading Assignments, Lab work and studying for tests.

## Phones & Electronic Devices:

Only laptops for accessing Chief Architect software are allowed in the class or lab. **Please silence phones and/or turn off during class to avoid distractions.**

**Course Communication:** The official e-mail communications channel for this course is the Sul Ross State University e-mail account (yourname@sulross.edu) of each student and professor. For the purposes of this course, no other e-mail account is acceptable.

## Lab Time:

As with all the Industrial Technology classes there will be a substantial amount of lab work to be done. Normally 6 hours outside of scheduled class time each week for researching, reading, and general homework is expected for college level work. All required research, lab work, and practice will not be able to be completed within the scheduled class time. There may be some release time from class to complete some of the work. Hours for access to the lab will be announced when set.

**Supplies:** There are some basic supplies you will need for the class such as pencils (lead), erasers, a notebook with pockets to keep handouts given in class and paper.

Other supplies needed for this class include but are not limited to:

Black fine point sharpie; craft glue or glue stick; Ruler (Min. 12" long, metal with rubber or cork on bottom) · X-Acto- Blade with a small pack of #11 blades, small scissors; Used magazines to cut out images for collage project.  Other supplies as needed TBD.  For presentation of your final exam, you will need to purchase Bristol boards TBD.

Storage:

The lockers in the hallway may be checked out and used for storing your equipment and supplies. These lockers must be signed out with the secretary in the IT main office. You must supply your own lock. Do not leave any of your work or equipment lying around in the lab.

Midterm Exam:

One midterm exam will be given on the announced date. The exam will cover material from class lecture and assigned readings. It is your responsibility to complete the exam when scheduled. The exam will be given in class using various styles of questions covering terminology, equipment, processes, and other items discussed. Participation for the test is mandatory; no makeup tests will be given.

Final Project:

The final exam time will be when each student will present thier final project.  This will be during the week of May 2, 5-7, Fri, Mon – Wed - final exams week.

The specific date and time will be announced during the semester. The final project will be discussed during the semester and will be an oral presentation illustrating your documented work on power point slides or other.  Do not make any other plans for that day and time.


# PLEASE NOTE: A course schedule of assignments for this semester will be provided separately on the first day of class.