

COLLEGE OF SCIENCES
Course Syllabus
ETCM 2363, Home Planning
Spring, 2018

DEPARTMENT: Engineering Technology
COURSE Architectural Drafting
SEMESTER: Spring, 2018
CREDIT HOURS: 3 (2-2 Format)
LECTURE LOCATION/ TIME: Pirkle, Room 240,
Section 2 Tuesday & Thursday 3:00 PM - 4:50 PM

INSTRUCTOR: D. L. Benke

OFFICE: Pirkle Room 420
SHSU Email: dlb011@shsu.edu

OFFICE HOURS: by Appointment

TEXTBOOK: Residential Design Using Revit

SUPPLIES: One Memory Stick or 100/250 MB zip disk

COURSE OBJECTIVES:

This course consists of the development of a set of plans for a one-level, single family dwelling. Covered are the basic elements of space planning and the combining of these areas into a composite and functional; floor plan. An introduction and overview of the varied building materials and construction techniques used in residential dwellings are discussed. The set of plans consists of a floor plan, exterior elevations (4 min), electrical and door schedules. The plans are created by the use of CAD software.

COURSE FORMAT:

The course will be a combination of lecture, demonstration, in class problem solving and student drawing exercises. Students are required to complete a series of drawings that will reflect their knowledge of the stated objectives and the use of the software.

COURSE REPORTS

Reports will be completed by teams. Power points presentations will include all members of the team. Grades will be earned by the members on professionalism doing the presentations and the content of these reports.

COURSE EVALUATION:

Each lab assignment should be completed during the scheduled lab period. Lab assignments are due at the beginning of the next regular class period. **[[See Late work below]]** Each student is expected to individually complete all drawing exercises for each of the units in this course. Penalties will be assessed for work, which is turned in late.

The final grade for the course will be averaged as follows:

House Drawing(s)	15%
Attendance	10%
Review Questions	20%
Project	20%
Final Project	20%
Report	15%

You will be required to individually complete a floor plan, exterior elevation plans (4), cabinet elevation plans, and 3D interior/exterior presentation drawings. Each assignment will have a due date and should be completed during your scheduled lab period.

Course Schedule

1.	01/18	Thursday	Course introduction
2.	01/23	Tuesday	Introduction to software
3.	01/25		Chapter 2
4.	01/30	Tuesday	Chapter 2
5.	02/01		Work on Assignments Bedrooms
6.	02/06		Work on assignments Bathrooms
7.	02/08		Work on assignments Bathrooms
8.	02/13		Work on assignments Kitchens
9.	02/15		Work on assignments Lake House
10.	02/20		Work on Assignment Lake House Work on assignments
11.	02/22		Lake House Work on assignments All Work Due
12.	02/27		Introduce Mid-Term Project Work on assignments
13.	03/01		Introduce Mid-Term Project Work on assignments Plans due
14.	03/06		Work on Mid-Term Project Mid-Term Project Due

15. 03/08	All Review Questions are due. Work on Mid-Term Project Mid-Term Project Due
03/12 – 03/16	***SPRING BREAK***
16. 03/20	Work on assignments – Final Project
17. 03/22	Work on assignments
18. 03/27	Work on assignments
19. 03/29	Report assignments assigned Work on Report
20. 04/03	Reports
21. 04/05	Reports
22. 04/10	Plans due for Final Project Approved Work on Project
23. 04/12	Work on Project
24. 04/17	Work on Project
25. 04/19	Work on Project
26. 04/24	Work on Project
27. 04/26	Work on Project
28. 05/01	Work on Project
29. 05/03	Work on Project *****All Work Due *****
05/07 through 05/11	Final Week

ATTENDANCE POLICY:

Every student is expected to be present and on time for every class. You are tardy whether you come in late or leave early. Roll will be taken at the beginning of each class or lab session; if you are not in your seat within the first 10 minutes, you will be counted absent. In case you are absent, excused or unexcused, you are still responsible for the material covered. Listed below are the points per absent that will be used to determine a student grade. Any “excused absent” must be approved as soon as the student is aware of it. Any student presenting an excuse for an absent after the one absent will not be accepted by the instructor:

0-2	= 10%
3	= 5%
4	= 0%

Material and instructions will be disseminated one time only. If you are absent or late, the responsibility for obtaining handouts and information is incumbent on you. You would be wise to establish relationships with fellow students for assuring that you remain well informed and that you are adequately prepared for exams.

Each student should be prepared for class/lab by having carefully read and studied all assigned textbook readings and/or handouts. Each project is to be done on an individual basis. The student should expect to spend **a minimum of three to four hours per week** in lab. Absences DO NOT exempt you from the responsibility of turning material in on time.

There will not be repeat exams, quizzes, or makeup assignments except for extenuating circumstances (documented illness, family crisis, etc.) or by mutual agreement between the instructor and the student.

Late Work

Any assignment not turned in on time will be counted as late. For each late paper one (1) point will be deducted from the student's final grade at the end of the semester. A student may complete extra assignments two weeks prior to the end of the semester to 1.) Make up "late" points or 2.) To earn extra points that will be added to the student's final grade. Extra Credit must be approved by the instructor.

Review Questions

The following is a list of the chapter review questions and the due dates for each. All Review Questions must be typed. All Review Question due March 7, 2017

Chapter 1	02/06
Chapter 2	02/13
Chapter 3	02/20
Chapter 4	02/27
Chapter 5	03/06

ACADEMIC HONESTY:

The University expects all students to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action.

If students are found to be cheating or guilty of plagiarism (including copying and drawing): First time offense will result in the test or assignment being counted as a zero (this applies to the person who copied **and** the person who willingly allowed or supplied the data to be copied). If the student repeats the violation, the course grade will be assigned as 'F'.

CLASSROOM RULES AND CONDUCT:

The lab assistant and instructor will enforce laboratory safety rules for any safety violations. Each safety violation will cause the current lab assignment grade to be dropped by one Grade letter for each occurrence. Students who are especially disruptive may be reported to the Dean of Students for disciplinary action in accordance with university policy.

The following are the safety rules:

Cellular telephones and pagers must be turned off before class begins.

Eating, drinking and tobacco products are not allowed.

Talking at inappropriate times, sleeping, horseplay, pranks or other acts of mischief are prohibited.

No equipment may be removed from the laboratory.

STUDENT ABSENCES ON RELIGIOUS HOLIDAYS POLICY:

Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence. University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy days(s) shall present to each instructor involved a written statement concerning the religious holy day(s). This request must be made in the first fifteen days of the semester or the first seven days of a summer session in which the absence(s) will occur. The instructor will complete a form notifying the student of a reasonable time frame in which the missed assignments and/or examinations are to be completed.

DISABLED STUDENT POLICY:

It is the policy of Sam Houston State University that no otherwise qualified disabled individual shall, solely by reason of his/her handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any academic or Student Life program or activity. Disabled students may request help with academically related problems stemming from individual disabilities from their instructors, school/department chair, or by contacting the Chair of the Committee for Continuing Assistance for Disabled Students and Director of the Counseling Center, Lee Drain Annex, or by calling (936) 294-1720.

SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may affect adversely your work in this class, then I encourage you to register with the SHSU Counseling Center and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. **NOTE: no accommodations can be made until you register with the Counseling Center.**

Cell Phone Policy

The use by students of electronic devices that perform the function of a telephone or text messenger during class-time may be prohibited if deemed disruptive by the instructor to the conduct of the class. Arrangements for handling potential emergency situations may be granted at the discretion of the instructor. Failure to

comply with the instructor's policy could result in expulsion from the classroom or with multiple offenses, failure of the course. Points will be taken off the students final grade for using these devices.

Any use of a telephone or text messenger or any device that performs these functions during a test period is prohibited. These devices should not be present during a test or should be stored securely in such a way that they cannot be seen or used by the student. Even the visible presence of such a device during the test period will result in a zero for that test. Use of these devices during a test is considered de facto evidence of cheating and could result in a charge of academic dishonesty (see student code of conduct <http://www.shsu.edu/students/guide/StudentGuidelines2010-2012.pdf#page=29>).

No ear/head phones are allowed in class.

“The above schedule, policies, and assignments in this course are subject to change in the event of extenuating circumstances or by mutual agreement between the instructor and the students.” The instructor reserves the right to change any assignment and/or grading system listed in this document.