

**FCS 287**  
**Architectural Graphics for Interiors**  
3 CREDIT HOURS  
FALL SEMESTER, 2007

CLASS LOCATION: Academic Building 2, Room 315

CLASS TIME: Lecture – Tuesday/Thursday 2:00 – 2:50  
Lab – Tuesday or Thursday 3:00 – 4:50

INSTRUCTOR: Dr. Laura Burleson  
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**Office Hours: Monday & Wednesday 1:00 – 2:00**  
**Tuesday & Thursday 11:00 – 12:00**  
**Sam Center: Mon. Wed. 2:00 – 5:00 & Fri. 9:00 – 11:00**  
**Tuesday & Thursday 8:00 – 11:00**

COURSE DESCRIPTION: **FCS 287 Architectural Graphics for Interiors.** The course focuses on the development of two- and three-dimensional graphic representations of architectural design. Practical application is achieved through development of drafting skills and representational sketching. (2-2). Credit 3.

TEXT: Kilmer, W. O., and Kilmer, R., *Construction Drawing and Details for Interiors*, John Wiley & Sons, Inc., 2003

Karlen, Mark, *Space Planning Basics*, Second Edition, John Wiley & Sons, Inc., 2004

COURSE OBJECTIVES:

Upon completion of this course, students should be able to:

1. draft interior construction drawing using disciplined drafting techniques.
2. communicate information using architectural lettering on drawings and schedules.
3. communicate architectural and interior design concepts in 2-dimensional drawings including dimensioned floor plan, furniture, fixture and equipment plan, finish plan, elevations and sections, stair details, lighting and ceiling plans, and electrical plans.
4. communicate architectural and interior design information through schedules.
5. understand the information listed in schedules as it relates to visual information on plans, elevations and sections.
6. show professional discipline through developing organizational skills and participation in critiques related to the drawings that compose a set of construction documents.
7. understand the space planning process and implement bubble and block diagrams.
8. implement in drawings influencing factors that impact the function and use of spaces including human factors, barrier-free design, daylighting and building systems.

EXPECTATIONS FOR ENTERING STUDENTS

Student should have appropriate knowledge of:

1. College mathematics and geometry
2. Metric system
3. Measurement conversions
4. Accessing internet through use of a personal or university provided computer.

COURSE EVALUATION:

Drawing Exercises (2 @ 25 points)	50	A = 805 - 900
Drawing Projects (1 @ 100, 4 @ 50 points)	300	B = 715 - 804
Schematic Exercises	50	C = 625 - 714
Written Test (3 @ 100 points)	300	D = 535 - 624
Midterm Drafting Test	100	F = 0 - 534
Final	<u>100</u>	
Total	900	

A GRADE OF "C" OR BETTER IS NEEDED TO PASS THIS COURSE.

ACADEMIC POLICY FOR STUDENTS WITH SPECIAL NEEDS

Students with disabilities that affect their academic performance are expected to arrange conference times with the instructor so that appropriate strategies may be considered to ensure that participation and achievement opportunities are not impaired. Students with disabilities are responsible for contacting the Director of the Counseling Center as chair of the Committee for Continuing Assistance for Disabled Students by telephone (extension 1720).

Q-DROPS

A Q-drop is a drop made after the last date for tuition refunds (12th class day for fall/spring; 4th class day for summer) but before the date for which a drop would result in the grade of 'F' as published in the Academic Calendar.

Students will be allowed no more than five Q-drops during their academic career at Sam Houston State University. Classes that are dropped prior to the Q-drop date will not count toward the limit. Students who have used their limit of five Q-drops will need to petition their respective dean to drop a class. If the dean refuses to grant permission to drop a class, a student will be required to remain in the class.

This limit will take effect with the start of the fall 2004 semester. Any drops accumulated prior to the fall 2004 semester will not be included in the five Q-drop limit, nor will Q-drops from other universities.

STUDENT ABSENCES ON RELIGIOUS HOLY DAYS 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 day(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 timeframe in which the missed assignments and/or examinations are to be completed.

### COURSE FORMAT:

This course will include instructional discussion, demonstrations and studio critiques of design drawings. The student is expected to read discussion material and produce work including assignments, and drawings during lab time, as well as outside of lab. Drafting quality and professional lettering are emphasized along with presentation assembly. Project descriptions and requirements have been developed to simulate the real work and time commitments of practicing interior designers as this course prepares the student for FCS 469 Internship.

### COURSE POLICIES:

#### Grading Procedures:

1. All assignments and projects will be evaluated and graded for substantive content, design quality, soundness of planning, craftsmanship, presentation, creativity and specific criteria required in the assignment. Reassessment of grades will only be done when presented in writing and accompanied by professional documentation that supports the item in dispute.
2. Grades are allotted on the following grading scale based on the total points possible for each course:  
89.5 - 100 % = A  
79.5 - 89.4 % = B  
69.5 - 79.4 % = C  
59.5 - 69.4 % = D  
0 - 59.4 % = F                      Rounding up of 0.5 points is already figured into grades.

#### Attendance:

Class attendance is expected for all classes and attendance will be taken during each class period. Each class period should be attended with the necessary supplies and materials for working.

As stated in the University catalog, students are allowed to take three hours of absences for the purpose of personal illness, family funerals, university activities or legal matters. A fourth and fifth absences will result in a 5 point deduction for each of these absences from the final grade. A sixth and seventh absence will result in a 10 point deduction for each of these absences from the final grade. A total of 8 absences will result in a failing grade and the last regularly attended class day will be reported to the Registrar's Office when grades are due. Total absences will be posted at the end of the semester in separate column in Blackboard.

Example: If a student has a final grade of:

94 and 4 absences (- 5 pts) the grade recorded is 89 a "B"

94 and 7 absences (-30 pts, 10 pts for the 4<sup>th</sup> and 5<sup>th</sup> and 20 pts for the 6<sup>th</sup> and 7<sup>th</sup>) the grade recorded is 64 a "D"

94 and 8 absences the grade recorded is an "F"

It is the student's responsibility to make sure a tardy is recorded as a tardy and not an absence from class before the end of that class period. Five tardies will be counted equal to one absence. Leaving the classroom early is only permitted with notifying the instructor before the start of class. Abuse of leaving early will result in accumulation of absences in the same manner as tardies.

Absences resulting from extenuating circumstances accompanied by appropriate documentations from the Office of Student Life will be evaluated on an individual basis.

Assignments:

1. All course work due in each course should be turned in on the date and at the time scheduled. Late work will receive a 5 % reduction in points for each day late, which includes days counted through the weekend, spring break and/or holidays.
2. Course work will only be received if turned into the instructor.
3. All work must be turned in by the last regular class day prior to the start of finals. No work will be accepted once finals exams have started. In accordance with the university catalog, all work must be received in order for the student to be eligible to take a final examination.
4. There is no extra credit accepted in this course. The only way a student can improve the course grade is to improve the work performance on test and assigned projects.

#### Examination:

1. Examinations will be given on the date and time scheduled in the syllabus calendar.
2. A comprehensive make-up examination over all material covered by previous test in the course will be given at a time to be announced near the end of the semester for those who are eligible as evidenced by documentation from a health professional, obituary which names the student as a survivor of the deceased, etc.

#### Academic Dishonesty:

All students are expected 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. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resources materials.

If a student is involved in cheating on an exam, that person will receive a grade of “0” on that exam. If a student is involved in cheating on a second exam or the final examination, that student will receive an “F” for the course.

If a student is involved in misrepresenting work, the work will receive a “0” or if a student allows someone else to borrowed work, that work will receive a “0”. Most work is to be done by the individual student and is not team work unless stipulated.

Misrepresented methods can include but are not limited to:

1. copying work of another student, (Friends working together should take extra care to have work that is different; so as to not appear to be copied.)
2. tracing a drawing of another student,
3. plagiarizing published work, (In writing enhanced courses written work is subject to be reviewed through Turn-it-in.com to check for plagiarized work.)
4. using the computer to generate work that is to be hand generated,
5. allowing someone else to complete an assignment or work for the student.

#### Classroom Behavior:

1. Classroom disturbances should be avoided including:
  - a. All cell phones should be turned off during class and lab times.
  - b. Personal discussions and talking or passing notes during lectures. Discussion should relate to course topics.

- c. Personal discussion of grades. Honor a student's right to privacy. Conference time may be set with the instructor if individual grade discussion is required.
  - d. No sleeping in class is permitted. Please, do not put your head down on the desk or table. If a student is ill they should ask to be excused.
  - e. No open eating food or drinks allowed in the classrooms or labs. Please, take it out into the hall.
  - f. Working on other course assignments, reading the newspaper.
2. The student's work area (i.e. table floor space, etc.) should be clean of all papers, pencil marks, paint, and markers before leaving the classroom.

#### Returning Work:

Due to accreditation procedures the department is required to keep student work done in major FCS, IT and ART courses. Work will be returned to the student to inform the student of their evaluation and grade. All work will be collected and held by the instructor until after the accreditation site.

1. Each student should create a duplicate of work turned in for personal use and portfolio.
2. Students can also supply the Interior Design Program Director a USBN mass storage device with adequate space to hold photographs of major IND projects. ART projects can also be photographed. IT drawings should be reprinted for the department.
3. Students will be informed of the dates when work will be available to be picked up.

#### ADDITIONAL SUGGESTED READING:

Ching, F., *Architecture Form, Space and Order*, 2007.

Ching, F., *Interior Design Illustrated*, 2004.

Koenig, P., *Design Graphics Drawing Techniques for Design Professionals*, 2000.

Mitton, M. *Interior Design Visual Presentation*, 2003.

Muller, *Architectural Drawing and Light Construction*, 2004.

Yee, *Architectural Drawing: A Visual Compendium of Types and Methods*. 2007.

1. Pad of Clearprint Vellum – Unprinted, 16lb. 18 x 24 inch size, 50 sheets.
2. Drafting Pencils - 0.5 with 2H and 4H leads, 0.7 pencil with 2H and HB lead
3. Architects or Draftsman Scale - Triangle style
4. Triangles – 30/60 Degree and 45 Degree (each one, large and small, total 4 triangles)
5. T-Square – 36 inches long, metal or wood with plastic edges
6. Drafting tape, roll or dot
7. Eraser – white plastic
8. Erasing Shield
9. Dry Cleaning Pad (powder erasing bag)
10. Ames Lettering Guide
11. Circle template up to 2 inches
12. Residential plumbing/kitchen template, 1/4" = 1'0" scale
13. Furniture template, 1/4" = 1'0" scale
13. Stapler

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Date \_\_\_\_\_

By signing this Student Agreement Sheet I, \_\_\_\_\_ accept the responsibility for abiding by the information in this course syllabus.

Additionally, I agree to allow the interior design program in the Department of Family and Consumer Sciences to keep any and all interior design assignments, projects, papers, preliminary and final drawings, and reports produced in this course for a temporary period (up to two years) for accreditation purposes.

\_\_\_\_\_  
(Signature)