

design 1

The University of Texas at San Antonio

syllabus

ARC 1213 all sections

Spring 2010

CLASS TIME	T-TH 9:00 am – 11:50 am
REQUIRED LECTURE	Thurs 1:00 pm – 1:50 pm
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This Syllabus is provided for informational purposes regarding the anticipated course content and schedule of this course. It is based upon the most recent information available on the date of its issuance and is as accurate and complete as possible. I reserve the right to make any changes I deem necessary and/or appropriate. I will make my best efforts to communicate any changes in the syllabus in a timely manner. Students are responsible for being aware of these changes.

course structure	<i>Design 1 is the first of 4 sequential studio courses intended to introduce basic design ideas, design principles, and design methodologies relate to operating in studios of the building arts disciplines. Design 1 is structures to develop creative thinking abilities in engagement with creative design activities. Design projects introduce issues that are fundamental to both Architecture and Interior Design. Development of your creative design process as the foundation of your design education is the prime objective of this course.</i>
catalogue description	ARC 1213 Design 1 – introduction to design through a focus on visual literacy and the conceptualization of human environments. Explores basic design elements of line, form, color, and texture in conjunction with the principles of rhythm, balance, proportion, and scale. Introduction to architecture precedents, architectural ideas, and architectural conventions. Prerequisite: ARC 1313 – concurrent or completion.
course objectives	<p>Students should demonstrate independent critical thought pertaining to created design processes leading to the built environment and the basis for the formation of an organized architectural idea: functionally, spatially, and experientially. Introduction to design elements, design principles, and design processes of abstraction and transformation; to conventions and vocabulary of design, and order in design, and design precedents. Students should have the ability to exhibit a strong work ethic, sketching and visual communication skills, graphic, skills, modeling skills, and verbal and writing skills.</p> <p>Course objectives are coordinated with NAAB & FIDER board outcomes which establish educational outcomes deemed to adequately prepare a student for career as an architect and designer. Design 1 introduces and addresses the following outcomes: <i>Fundamental design skills; formal ordering systems; design elements & principles; theories of design and design composition; creative and thinking skills; collaborative skills;</i></p>
textbooks/reading	<p>All books must be obtained by the second week of classes.(other readings may be given by your instructor)</p> <p><u>Required:</u> Geometry of Design: Studies in Proportion and Composition. By Kimberly Elam Design Through Making. By Stephen Temple</p>
lectures	There will be a MANDATORY one hour lecture / presentation each week. Issues and ideas pertaining to design, education, and thinking will be introduced to enrich the design laboratory. Lectures are intended to expand upon ideas and experiences and may not relate directly to projects. Dialogue evoked by lectures may be continued by your studio faculty or incorporated into your on-going studio work and should connect to your work through use of your sketchbook. Slide presentations are opportunities to sketch.
readings	Required reading occur throughout the semester to expand dialogue, inform projects, and/or extend your understanding of design. It is expected that readings be completed.
field trips	Site visits may be required in this class. Such trips will be scheduled ahead and may occur outside class time. A signed travel form is required of each student prior to trip.

attendance policy

ATTENDING CLASS IS REQUIRED for every studio session and lecture. Your full and committed participation is the surest path to your development as a designer. Attendance will be taken during class at the discretion of your instructor. Be on time. Stay for the entire class period. Come prepared for class and participate. Work only on course projects and assignments. Faculty have the right to give you an unexcused absence for your lack of participation in class.

Only excused absences as outlined in the UTSA Catalog are accepted (doctor's note or death in family). If you need to be excused for a class for reasons not in the Catalog, it must be discussed with your faculty prior to the class missed and excusing it is solely the faculty's discretion.

More than **3** absences will result in lowering your semester grade by one letter grade.

More than **5** absences will result in failing the course.

Lectures are required. Missing a lecture counts as one unexcused absence.

Being late for class, or if you leave early, counts as ½ day absence.

Using a cell phone, lap top, or radio during class is ground for being counted absent.

ATTENDANCE AT REVIEWS – Students are required to fully attend and participate in all formal or informal reviews, presentations, and lectures.

Missing a project review will result in lowering your project grade by a letter grade.

Missing a semester final review will result in lowering your semester grade by a letter grade.

special needs

If you believe you have a disability requiring accommodation in the classroom, you need to register with UTSA Disability Services. For more information, <http://www.utsa.edu/disability>, call 210.458.2945 or stop by Room 1.302, Buena Vista Building. After visiting Disability Services, you must notify your faculty of special accommodations you require.

drop dates

A student who drops an individual course after Census Date and on or before the Drop Date (Automatic "W" Date) will automatically receive a grade of "W" in the course. The Drop Date is the last date that a student is permitted to drop an individual course. Beginning Fall Semester 2005, there will be one Drop Date for undergraduates with fewer than 30 hours and another Drop Date for all other students. Drop dates must be confirmed with your advisor.

grading/evaluation

An important aspect of learning to design is to develop a way of doing it, a methodology, a process. Developing a design process is an integral part of the products you produce. In order to fairly evaluate your work there must be evidence of the process and the development of design ideas. That is why it is so important for you to interact with us and to bring your work for review during class. Avoiding our review of your work is not an option if you want to do well and learn how to design. We are your instructors but we are also your partners in your work and are committed to your individual success. When a deadline is assigned for a project, there will be no extensions. Late work will be accepted at the discretion of the faculty. At minimum, late work will lose one letter grade. Attendance will be taken each day and at lectures. It is your responsibility to sign the roll sheets used for attendance. If you miss a project or the semester final critique, your project or semester grade will be lowered a full letter grade, respectively. Project grades are based on criteria for 50% Project Development 50% Workmanship/Craft and/or other criteria developed for that particular project. Project grades will be more heavily weighted as the semester progresses. Your semester grade will be based on the following, at the discretion of your individual instructor:

exercises, projects, exams	80%
attendance	10%
professional growth	10%

numerical grades

Grades will be given for each project on a 100 point scale according to criteria listed below. All project and/or exercises will not necessarily be graded – at the discretion of the faculty.

A 90 – 100%

excellent, exceptional work, participates fully in studio, shows strong initiative to learn, strong, thoughtful process, articulate, appropriately crafted, draws from readings and discussions, student demonstrates professional attitude and fully participates in laboratory discussions and reviews. An 'A' indicates that the student's work is exceptional and beyond what was required. Growth of understanding is exhibited throughout semester.

B 80 – 89%

very good, highly competent work, shows initiative to learn, addresses primary and secondary issues of project with clarity and intelligence, craftsmanship is appropriate, student participates in studio discussions, demonstrate intelligent connections between making and thinking in work. Growth of understanding exhibited throughout semester.

C 70 – 79%	acceptable work that shows that student has engaged the primary issues and program for the projects, all required drawings / models are complete and clearly readable. Student shows consistent work and satisfactory understanding.
D 60 – 69%	weak, underdeveloped, marginal work, shows little if any initiative, inconsistent work and craft, required work is not complete. Student does not participate in laboratory discussions and reviews to any acceptable extent. The grade of ‘D’ does not allow the student to advance to the next design studio course without being repeated for credit.
F <60%	unacceptable, incomplete work with limited obvious strengths, little if any participation in studio, inconsistent if any craftsmanship. Poor or negative attitude about the work.

Materials + tools

The goals of this studio necessitate required materials and tools. These will also be used in the rest of your education and career. Tools and supplies should be purchased as soon as possible and must be obtained before needed for each project. **It is your responsibility to be ready for each project.** Below is a preliminary list of supplies and equipment (subject to change). In addition to this list, other supplies will be needed throughout the semester – these will vary per project and per student. These tools are also used in the Architectural Drawing course although additional supplies may also be needed.

** must be obtained as soon as possible

+ use may be shared with another student

tools	<ul style="list-style-type: none"> ** ¾” ring binder – for organization of project statements and handouts ** compass – 6” very good quality, w/ speed adjust AND extension bars (about \$2400) ** parallel bar: greater than 36” long – mounted on portable drafted board (Spiroll “D36” Deluxe Spiroboard recommended – fits into lockers) ** drawing surface for drafting board (comes included on Spiroll “D36” above) ** lead holder ** drawing leads – 2h, f, h, hb (you will need few hard leads, more soft leads) ** lead pointer (for use with lead holder) ** “EBONY” drawing pencils (2 each) ** drawing pencils 2B (2 each) ** pencil sharpener (for wood pencils) inexpensive type ** adjustable triangle – 10” or 12” ** triangle 45/45/90 + 30/60/90 (one each – 10” recommended, varied sizes available) ** drafting tape ** metal straight edge / ruler – 18” long with non-slip back ** “architects” scale – triangular (do NOT get an engineer’s scale) ** x-acto knife (#1) or xacto “snap-off light” with extra blades ** metal push pins – 5/8” long shank (you may share box of 100) ** Elmers™ wood glue 7.6 oz or greater ** cellophane tape (transparent clear NOT shiny) ** scissors ** white eraser – Mars brand recommended ** Linoleum block cutting tools ** “Speedball” ink – large tube – <u>black</u>, waterbase ** 4” soft rubber brayer (you may choose to share this with another student) 12’ OR 25’ tape measure Storage box – suggest a tool box or tackle box
drawings materials	<ul style="list-style-type: none"> ** sketchbook – spiral bound – no lines 14” X 17” required by your instructor **+ newsprint pad – 18 X 24 (may share this with another student) **+ drawing paper – acid free – 18 X 24 pad (may share this with another student) ** tracing paper roll – 18” white or yellow ** 36” Clearprint vellum roll (may share this with another student) <p>NOTE: other drawing papers may be required by your instructor per project</p>
construction materials	<ul style="list-style-type: none"> ** 3” x 5” Index Cards – BLANK (one pack of 100 minimum) ** cutting mat plastic – min. size needed 12” X 18” or larger ** chipboard – 32” X 40” sheets – thickness equivalent to 20C ** Basswood (not Balsa) – 1/8” X 1/8” X 24” basswood strips (package of 24) ** 3/16” thick foam core boards (24 X 36) ** linoleum print block (6” X 9”) 1 ply ‘mounting board’ – white surface both sides (may share this with another student)

NOTE: other construction materials may be required by your instructor per project

optional tools

(You may need these for Architectural Drawing courses and subsequent studios)

erasing shield

drafting brush

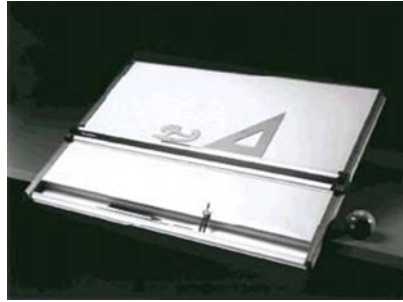
french curve(s)

utility knife

It is strongly recommended that you have access to a camera – digital recommended (5.0 Mg min)

A drafting board with a parallel bar is required

for use during studio and drawing classes. Completely assembled portable drafting boards come from a variety of manufacturers. However, fully assembled drafting boards are only available in 36” and 42” widths.



* Drafting boards with the cable system under the board are NOT recommended, as they break quickly & easily.

* DO NOT GET AN “ALVIN” BOARD OR CHEAP MAYLINE BOARD

- they are poorly made and will break during the semester.

IMPORTANT 42” wide boards will NOT fit into the lockers in the studio.

Drafting boards must hold a 36” wide piece of paper without tearing its edge.

purchase

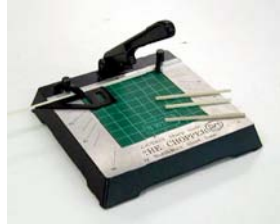
* **It is recommended that your purchase a Mayline 36” parallel bar kit and a carrying handle and build your own board.** Parallel bar kits are available from Spiroll, Mayline, Paraline & Alvin.

* PLYWOOD BOARD – piece of $\frac{3}{4}$ ” plywood 27” X 38 or 40” wide is required

The class will work together to buy the plywood and construct the drafting boards. See Prof. Dawes in Architectural Drawing class.

* It is recommended to cover the board w/ a self-heating vinyl board cover.

Drafting equipment is available from many sources including Herwick’s Art Supply and Asel’s Art Supply in San Antonio & the UTSA Downtown Bookstore.



A “Chopper” (pictured) or an “Easy cutter” is recommended. Cutting wood is faster and more precise. This tool will be used your entire career.