

Glendale Community College

Department of Architecture

Course Syllabus – Fall 2012

Course Title: Perspective Graphics (3 Units)
Monday and Wednesday 3:25 – 6:35pm
Location: AT 220
(Class is taught at the same time as Arch/Engr 103)

Office Hours: M,W 5:55 – 6:55pm; T, Th, F 2:25 – 3:25pm
Location: AT 223 (Inside AT 220)

Catalog Number: Arch 105

Instructor: Mr. Dave Martin
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Description: Architecture 105 is a course in technical perspective. Skills are developed in drawing of various architectural subjects and their shadows, rendering in various media, sketching in people, objects and landscape background and foreground. Lecture 2 hours, laboratory 4 hours. (CSU, UC, USC)

Course Duration: Course is one semester in duration of approximately fifteen (15) weeks.

Prerequisite: Art 130 Design I (Art 130 may be taken concurrently)

Course Grading System

Area	% Value
Attendance	10
Projects	40
Performance Tests	20
Portfolio	10
Final Performance Test	20
Total	100%

- All work is graded based on a percentage and is averaged to find the total grade.
- All projects will be graded on a 100 point grading system.
- Grades and other information will be posted on the class Blackboard page.

Required Text and Materials: Arch 105 Perspective Graphics Lab Manual, Dave Martin, 2006, Glendale Community College, Glendale, Ca

- The proper tools. (An architectural drafting kit is available in the bookstore.
- Additional lead holders (.3mm, .5mm, and .7mm)
- A supply of "D" Size (24"x36") vellum (18 Sheets). Buy the type without the preprinted title block.
- Flash drive (1GB minimum) for SketchUp projects.

Attendance Policy

Attendance is worth 10% of the overall grade. The attendance grade is calculated as follows:

1 Absence = 90%, 2 Absences = 80%, 3 Absences = 70%, 4 Absences = 60%,
5 Absences or more = 0%

Attendance is taken at the beginning of class. If a student is late more than 15 minutes then a ½ absence will be counted toward the attendance grade. Students may also be dropped from a class for excessive absences. If a student misses the equivalent time the class meets in a two-week period then the student may be dropped (see GCC catalog for policy). Certain absences will be excused at the discretion of the instructor.

If a student does miss a class it is extremely important that they contact the instructor as soon as possible. Since it is difficult to make up missed class time, it is important that the student attend every class meeting!

Academic Honesty

It is extremely important the students are honest in their education. It is unacceptable for a student to copy the work of another student and turn it in as their own. This includes drawings, answers on tests and quizzes, and other work done either inside or outside the lab. If a student allows another student to copy their work then both students will receive a zero (0%) on that assignment.

Other Course Guidelines

- All work is due on or before the date given. Drawings will be collected twice during the semester, once on the due date and again at the end of the semester.
- All work will be graded in pencil on the original drawing.
- It is your responsibility to make sure that your workstation is clean at the end of each class meeting. Be sure to move the parallel straightedge to the top of the table at the end of the class

Grade Change Policy

It is the policy of the Instructor and Glendale College to only allow grade changes for the following reasons:

- Clerical error on the part of the instructor.
- Computer problem (technical error during submission of grade by instructor).
- Revaluation of student's work (at instructor's discretion).
- Grade change from an incomplete (I) grade.

Unless arrangements are made with the instructor prior to the end of the semester, the grade given is the final grade. Grades **will not** be changed by the instructor for work that is turned in after the end of the semester.

Electronic Device Policy

It is the policy of the department to only allow electronic devices to be on in class if they are in silent or vibrate mode. If the student receives a call during class they must either ignore it or leave the room to answer. Text messaging is only allowed outside of the classroom during lecture. Students may text message during open lab as long as they are not disturbing other students.

Students with Disabilities

All students with disabilities requiring accommodations are responsible for making arrangements in a timely manner through the Center for Students with Disabilities. Although not required, the instructor should be notified by the student of any special needs.

Class Requirements and Instructor Expectations

- Projects must be completed in the classroom. If the student falls behind, additional work on the projects may be completed at home or during open lab.
- Projects will be graded once during the semester. If an assignment receives lower than an 80%, the student may resubmit the assignment. Both grades will be averaged together.
- Projects are due on or before the date given.
- All work will be graded in pencil on the original drawing.
- It is your responsibility to make sure that your work area is clean at the end of each class meeting. If you find any equipment damaged or missing notify the instructor immediately.
- In the event of an absence, the student must inform the instructor in advance to make up tests and assignments.

Student Learning Outcomes (SLOs)

1. Students will demonstrate the process of creating a formal and informal perspective drawing of an object.
2. Students will demonstrate the process of drawing a rendered, perspective view from an orthographic (two dimensional) architectural plan.
3. Students will demonstrate the techniques of the creation of shadows and shading of an object drawn using perspective projection.
4. Students will demonstrate the use of the SketchUp drawing software program.

Internet and Lab Access

- A Blackboard page has been created for this class. Go to <http://bb.glendale.edu/webct/> for access. Use for student ID# for your login. For those students new to Blackboard, your initial password will be your birth date (MMDDYY).
- Handouts, Syllabi, Grades and other information will be available on the Blackboard page.
- Drawing and performance test template files will be on Blackboard page.

Arch 105 - Weekly Schedule

<u>Week</u>	<u>Description of Topics</u>
1 (8/30, 9/1)	Orthographic Projection, Lineweight and Lettering for Perspective Projects, Project Setup, Begin Project #1
2 (9/6, 9/8)	Introduction to formal 2-point perspective
3 (9/13, 9/15)	Project #2, Projecting Height from picture plane to ground line. Project #3, Inclined surfaces in perspective.
4 (9/20, 9/22)	Project #4 and 5, Finding the center of a surface in perspective.
5 (9/27, 9/29)	Project #6 - Equal division of lines. Performance Test #1
6 (10/4, 10/6)	Project #7 - Urban Towers Exercise Introduction to Google SketchUp
7 (10/11, 10/13)	Project #8 - Picnic Table Project #9 - Tape dispenser - Projection of Circles and Arcs in perspective Google SketchUp Project #1 Due
8 (10/18, 10/20)	Project #10 - Regional Center Performance Test #2
9 (10/25, 10/27)	Project #11 - Proportional Division - Method to proportionally divide surfaces in perspective. Google SketchUp Project #2 Due
10 (11/1, 11/3)	Project #12 - Display Stand - Inclined surfaces in perspective Project #13 - Hip Roof First architecture project. Review of procedure to create hip roof from wall edges.
11 (11/8, 11/10)	Project #14 - Gable Roof Google SketchUp Project #3 Due Performance Test #3
12 (11/15, 11/17)	Project #15 Living Room - Procedure for formal one-point perspective.
13 (11/22)	Project #16 Residence - Final Project Performance Test #4 (11/24 - No Class - Thanksgiving Holiday)
14 (11/29, 12/1)	Project #16 (Cont.) Residence - Final Project Project #5 Revisited - Shadow Study. Two methods of projected shadows from an object. Assemble Portfolio Final Project Due
15 (12/6)	Last Meeting (1:30-4:00pm) Portfolio Due Final Performance Test

Notes:

- Schedule is subject to change.
- All projects are graded one week after being assigned with the exception of the final project which will be due on the last day.