SYLLABUS

INSTRUCTOR: Carolyn Gibbs

OFFICE LOCATION: Office location: Mariposa 5005
                Phone: 278-3948
                Email: carolyng@csus.edu

OFFICE HOURS:
                Mondays 10:30 am to 11:30 am
                Tuesdays 1:15 pm to 2:15 pm
                Wednesdays 10:30 am to 11:30 am

CLASS LOCATION/TIME:
Section 1: Mondays and Wednesdays 3:00 pm to 5:30 pm (Mariposa 1009)

INSTRUCTOR: Staff: David Pierson

OFFICE LOCATION: Office location: MRP1009
                Email: dpierson@csus.edu

OFFICE HOURS:
                Mondays 5:30 – 6:30 pm

CLASS LOCATION/TIME:
Section 2: Mondays and Wednesdays 6:30 pm to 9:00 pm (Mariposa 1009)

TEXTBOOK/MANUALS/SUPPLIES:

Required Texts/Manuals:
None. Reader available through WebCT.

Optional Texts:
The SketchUp Book, Bonnie Roskes

Supplies:
This course requires payment of a lab fee. Lab fees are used for a limited allotment of large format plotting.

(1) USB Flash Drive minimum 1 Gig
(2) Medium size 3-ring Binder (8 1/2 x 11 size)
Roll of tracing paper - 12-inch height
Fat black pen
Other Requirements:
Students will need a saclink email account and computer access to the Web for this class. All CSUS students enrolled in this course can create a SacLink account for electronic mail and Internet services. Although a home computer with a high speed modem running Firefox, Netscape or Internet Explorer would be beneficial, students can use the Web from one of the campus student labs.

In addition, you are expected to use the following software products to complete your readings/assignments: Microsoft Word, Microsoft PowerPoint (or Keynote), AutoDesk AutoCAD, AutoDesk Architectural Desktop 2007, AutoDesk Revit, SketchUP Pro, and a multimedia player such as QuickTime or Windows Media Player. All of the above software can be used in the Mariposa 1009 computer lab.

COURSE DESCRIPTION:
The course will focus on how 3D modeling is used in designing and representing design solutions. A series of exercises will help students become familiar with the basic vocabulary and concepts of three-dimensional modeling and its software applications. Two project assignments will be used to assess students’ overall knowledge and understanding. Emphasis will be on the construction of 3D CAD models as a means for generating volumetric design alternatives. Topics include 3D modeling concepts and techniques, file management with 3D models, 3D model output alternatives, texture scaling, and digital rendering methods. Studio activity six hours. 3 units.

Please Note: This course is administered through WebCT. To view additional course materials you must have a SacLink account and be enrolled in the class.

COURSE OBJECTIVES:
Upon completion of the course students will:
1. Demonstrate, at an advanced level, how to draw accurately within the 3D modeling programs.
2. Demonstrate, at a beginning level, how to use 3D modeling tools within Architectural Desktop (AutoCAD Architecture).
3. Demonstrate, at an intermediate level, their control over the various output methods within Architectural Desktop (AutoCAD Architecture) including printing orthographic drawings and exporting 3D models properly.
4. Demonstrate, at an intermediate level, how to use 3D modeling tools within Revit (Revit Architecture).
5. Demonstrate, at a beginning level, how to use 3D rendering tools within Revit (Revit Architecture).
6. Demonstrate, at an intermediate level, their control over the various output methods within Revit (Revit Architecture) including printing orthographic drawings and exporting 3D models properly.
7. Demonstrate, at an advanced level, how to use 3D modeling and presentation tools within SketchUP.
COURSE PREREQUISITE:
INTD161, INTD163 with a Grade C or better.

VERIFICATION OF PREREQUISITE REQUIREMENTS:
Students will be required by the second class meeting to provide appropriate prerequisites verification such as a CSUS Grade Report to the instructor. It is the student’s responsibility to present appropriate documentation to the satisfaction of the instructor, verifying that the student is eligible to be enrolled in a course. A CSUS Grade Report, or for new transfer students, a signed statement from their Major Advisor indicating the student is eligible for course enrollment, will be accepted for review. Students not able to provide acceptable verification that the course prerequisite requirement has been satisfied will automatically be dropped from the course.

DEADLINES:
All readings, exercises and project assignments are due in class on the dates assigned. Exercises and projects will not be accepted late without penalty of grade reduction. It is absolutely essential that each individual student be able to effectively manage time in order to successfully complete and submit each project as required. Incomplete assignments as a result of computer crashes, file theft; file loss or time management difficulties are unacceptable.

Late submissions will be on an “approval only” basis. The instructor reserves the right to reject a late project submission. A project submitted late regardless of reason will be deducted ten percent of the total possible point assignments. All late projects must be submitted within seven (7) days of the assigned deadline or the project will receive zero (0) points. Final projects must be submitted by the deadline specified and will not be accepted late. All assignments must be submitted with at least “D” quality work to receive credit for the assignment.

GRADING:
Students will be graded on individual abilities as demonstrated by completed projects and examinations. Criteria for assigned grades will be based on objective measures of content, quality, and thoroughness. The following outline represents the course grade structure for INTD 171:

- Exercises and Quizzes.............................. 20 points of final grade
- Project 1: ................................................... 40 points of final grade
- Project 2: ................................................... 40 points of final grade

Total Possible Points.............................. 100 points

STUDENT RESPONSIBILITIES:
It is very important to note that this course is critically important to your professional career, and should be clearly understood that a 100% effort will be expected of each student. The class assignments will tend to be very demanding of your time; therefore, you should be prepared to face the realization that effort produces results. As this course is technically oriented, students are asked to realize that not all professional Interior Designers work on CAD; it is however, an increasingly essential component to the profession. Regardless if this is your “niche” or not, every effort will be made to help you enjoy your learning experiences and to ensure that you fully realize the benefits of your CAD education.
1. **Complete all readings.** Review demonstration readings. Set aside at least 1 hour of reading time per week for this class.

2. **Cell phone and in-class computer regulations:** No photographing, recording, or text messaging is allowed without permission of the instructor.

3. **Plagiarism:** “Plagiarism is a form of cheating. At CSUS plagiarism is the use of distinctive ideas or works belonging to another person without providing adequate acknowledgement of that person’s contribution. It is important to note that whether the original material is online, in print, or from a multimedia source, appropriate credit must be given.” Sac State’s plagiarism policy found at [http://library.csus.edu/content2.asp?pageID=353](http://library.csus.edu/content2.asp?pageID=353)

4. **Special Accommodations:** If you have a disability and require accommodations, you need to provide disability documentation to SSWD, Lassen Hall 1008, (916) 278-6955. Please discuss your accommodation needs with me after class or during my office hours early in the semester.

5. **Complete all exercises and project assignments.** In order to complete the exercises and projects given, students must arrange their schedule around the Mariposa computer “open lab” times available. Lab times are posted on the [ASL Lab website](http://library.csus.edu/content2.asp?pageID=353). The available lab for working with the Revit and ADT software programs is Mariposa 1009.

6. **Attend all scheduled classes and arrive on time.** Students are responsible for all notes and demonstrations they have missed due to absence. The instructor is not required to spend any extra time with students who do not attend their weekly scheduled lab time.

7. Students are responsible for routinely “saving” their design files.

8. Students are responsible for making “back-up” copies of their work on a regular basis. The instructor has no obligation to extend deadlines for work that is incomplete due to lost/stolen disks or corrupted files/disk.

9. To receive a passing course grade, **every project** must be completed. No exceptions given.

10. Take responsibility for managing your time. Homework and readings take time. It is given to reinforce lectures and information given to you in class. It also gives you confidence by showing your skills improvement and comprehension of the material.

11. Take responsibility for managing your own learning. This means asking for help when you need it. I am here to help you learn not discourage you from your profession.

12. And finally… Office hours offer you the opportunity to meet with me one on one to discuss any difficulties, concerns.

**ATTENDANCE POLICY:**

Class attendance is extremely important and is required for every scheduled class meeting. Attendance will be taken every class period within the first 15 minutes of class. The following scale will be used to assign a point value for class attendance:

<table>
<thead>
<tr>
<th>Absences</th>
<th>Course Grade Step Reduction Resulting From (Example: B to B-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-3</td>
<td>no grade step reduction</td>
</tr>
<tr>
<td>4</td>
<td>1 grade step reduction</td>
</tr>
<tr>
<td>5</td>
<td>2 grade step reduction</td>
</tr>
<tr>
<td>6-7</td>
<td>3 grade step reduction</td>
</tr>
<tr>
<td>8+</td>
<td>failing course grade</td>
</tr>
</tbody>
</table>

**Project reviews days are mandatory.** One full letter grade will be deducted from your project grade for each Project Review missed.
Although your final course grade can be affected by your attendance, the quality of the work you submit is also affected. When considering the loss of direction and supervised instruction as well as the loss of student interaction and information sharing, it is to your advantage to attend every scheduled class meeting. Please come prepared for each class by tracking your work schedule with the course outline and assume the responsibilities of professionalism, which are to be expected of you.

**ADDITIONAL INFORMATION:**

**Seating/Computer Assignments:**
At the beginning of the semester, students will be assigned to a specific computer station. It is safe to assume that there will be, on occasion, days when the computer you are assigned is “down” (not working). In order to ensure “fair use” of the lab, the following procedures will be followed.

1. All students should be at their assigned computer station within 15 minutes of the start of class. If you discover that your computer is down, inform your instructor, then wait 15 minutes.
2. A student who has arrived on time and has an inoperative computer may bump a late student.
3. Students who have an inoperative computer and arrive on time may at the end of the 15-minute period (with instructor approval) bump a late student with an operable computer.

**Personal Computer Use to Complete Assignments**
1. Students may bring and use their personal laptops with the appropriate version of the software installed. The instructor is not obligated to “troubleshoot” any hardware or software problems on a student’s personal computer.

**Lab Rules:**
1. No food or drink allowed in the lab.
2. No game playing.
3. No copying of software. Copying of software constitutes automatic failure of the course and could lead to dismissal from Sacramento State University.

**Retention of Student Work:**
Due to the nature of the reprographic processes used by the computer graphic output, the instructor reserves the rights to retain prints/plots and digital files of a student work’s which will be used by the Interior Design Program for both instructional purposes and CIDA accreditation review.

**Grade Scale:**
The following grade scale will be used for this class:

<table>
<thead>
<tr>
<th>Percentage Range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-94%</td>
<td>A</td>
</tr>
<tr>
<td>93-90%</td>
<td>A-</td>
</tr>
<tr>
<td>89-87%</td>
<td>B+</td>
</tr>
<tr>
<td>86-83%</td>
<td>B</td>
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<tr>
<td>82-80%</td>
<td>B-</td>
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<td>79-77%</td>
<td>C+</td>
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<td>76-73%</td>
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<tr>
<td>72-70%</td>
<td>C-</td>
</tr>
<tr>
<td>69-67%</td>
<td>D+</td>
</tr>
<tr>
<td>66-63%</td>
<td>D</td>
</tr>
<tr>
<td>62-60%</td>
<td>D-</td>
</tr>
<tr>
<td>59% and below</td>
<td>F</td>
</tr>
</tbody>
</table>