

San José State University!
Environmental Studies Department!
Green Building Design Issues ENVS 137, Spring 2019!
#22063

Course and Contact Information

Faculty Web Page and MYSJSU Messaging!

You are responsible for checking **daily** with the messaging system through MySJSU and Canvas. Course materials such as the syllabus, assignments, readings, and handouts are posted to canvas: <https://sjsu.instructure.com> . Log in with your SJSU One account info. For assistance see: <http://www.sjsu.edu/at/ec/support/>

Course Description!

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Course Goals!

Upon successful completion of this course, students will be able to:

Describe the basic of "Green" building design: Main principles of building efficiency (orientation, insulation, material, reliance on external fossil energy...). What can we learned from earlier successful societies and cities.

Understand the role of building codes (International, Federal, California CalGreen) and local agencies

Course Requirements and Assignments!

Dropping and Adding: Students are responsible for understanding the policies and procedures about add/drop, grade forgiveness, ... Refer to the current semester's Catalog Policies section at <http://info.sjsu.edu/static/catalog/policies.html>

Grading: Use the percentages below and your scores to monitor your grade. Real time grade will be available along the semester on Canvas.

Credit-hour statement: This three-unit course requires a minimum of 9 hours per week to complete class-related readings and assignments (roughly 2.5 hours in class and 6.5 hours outside class per week.) Careful time management will help you keep up with readings and assignments and enable you to succeed in all your classes. More details about student workload can be found in University Policy S12-3 at <http://www.sjsu.edu/senate/docs/S12-3.pdf>

Grading Information – Final Examination!

20% Participation: It is expected that you will engage in class discussions as the class is formatted as a seminar. Share your thoughts about the readings when prompted in class, ask questions about lectures and readings, answer discussion prompts. Come to class having completed all of the **assigned readings**. Every article or chapter from the textbooks we read must be summarized or noted upon on your notebook. Hand written or printed reading notes are allowed to refer to during exams. Keeping good notes about the main points or views taken by authors of course readings is a good means to facilitate a sustained discussion, and be successful having a great participation grade. I will be collecting each class the reading notes this semester. Each reading note submission grade is approximately 1.5% of your final grade (participation points). *Current events in building science* Reply to the postings to the canvas website in the discussion section with a short description; and a link to an additional source related to the main article. Prepare a few remarks as we'll want to know more than just the headline. You are expected to reply to a few online discussions over the semester to get full online participation points.

20% Presentation. Each student will present 2 times in front of the class their main project and research (10 pts. each).

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40% Exams: One mid-term (20 points) and one final exams(20 points) !

Both the midterm and the final exams will be open notebook (your personal typed or handwritten notes). The exams will include short answers and essay questions. Your notebook should contain lecture notes and short annotations on the readings. If you take notes in the margins of your readings, make sure to transfer important ones to your notebook. You must bring a calculator to the examinations. You will not have access to any online electronic devices (other than a calculator). To study for the tests, you should review the readings, course lecture notes, homework, and learning objectives well in advance of the test date. The midterm will include material covered during the first portion of the class. !

20% Your semester project/class assignment (5pts each)!

Keep a project agenda with date/meeting/places. Take pictures when applicable. Polish and type your notes, turn the final document to your instructor for grading. See handout on formatting all your assignments. !

Assign. #1 - How your own city has adopted or amended CalGreen for residential buildings?!

Assign. #2 - Chose a green project in your neighborhood and search for the public documents available at your local building department, present in class. !

Assign. #3 - Write an essay describing two main green building aspects of your chosen project.!

Assign. #4 - Interview one of the professional/user who was involved in your chosen project about implementation or building real world performance. Turn a 2 pages formatted brochure describing your chosen project (template provided)!

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Determination of Grades!

The course grade will be determined based on a total 100 possible points. !

A+ 97–100 !

A 92–96 !

A- 89–91 !

B+ 86–88 !

B 81–85 !

B- 79–80 !

C+ 76–78 !

C 72–75 !

C- 69–71 !

D+ 67–68 !

D 64–66 !

D- 60–64 !

F < 60