

ENVS 570 Applied Local Sustainability
Professor Carlos Davidson. Spring 2016

SYLLABUS - ENVS 570 APPLIED LOCAL SUSTAINABILITY

Instructor:

Carlos Davidson. Office: 332 HSS.
Office Hours: Tuesday 11:15-11:45. Wednesday 1:15-3:15. And by appointment.
Phone 405-2127
Email carlosd@sfsu.edu (put "ENVS570" at start of subject line)
Web page: <http://online.sfsu.edu/carlosd>

Classroom and Time: Tuesday, Thursday 9:35am-10:50, HSS 102

Final Exam: no final exam, but we will meet Thursday May 19th 8-10am.

Course Description: The catalog description is: Students will learn about current sustainability issues and efforts at universities across the country and at San Francisco State. A major component of course will be completion of a hands-on sustainability project on campus.

The big projects for this section of the course will be on building lighting energy efficiency assessments and assessing water use in bathrooms in campus building.

Course objectives:

Give students hands on opportunities to develop skills involved in sustainability work - both technical skills such as those involved in conducting a greenhouse gas inventory as well as organizational, political, and social skills involved in carrying out a sustainability project.

Course Materials:

Main texts: Creighton, Sara H. 1998. Greening the ivory tower: improving the environmental track record of universities, colleges and the other institutions. MIT press, Cambridge. (Hence SHC)

And readings on the class iLearn site. See the readings list for reading assignments by topic.

Attendance Policy: Attendance in class is required. A large part of your participation grade is attendance - coming to class, and coming on time. Participation is part of the course grade and you can't participate if you don't attend. Furthermore substantial class time will be devoted to activities that cannot be "made up" if they are missed. Students who miss more than 10 classes receive a zero for participation.

Homework assignments. All homework assignments are due at the start of class on the due date. Email submission of assignments will not be accepted. All written assignments must be typed with the exception of reading question assignments which may be handwritten if legible. Late assignments are down graded half a grade for each class period (or fraction thereof) late. The one exception is reading question assignments, draft water reports, and report reviews which are not accepted late. **Last Day to hand-in course assignments: Thursday May 19 11:00am.**

Weekend Field Trips: There will be two weekend field trips. The first is Saturday March 12th from 8:30to 2pm. The second is still to be arranged in April.

Electronics policy: No use of electronic gadgets (phones, laptops, ipods, etc) in class. If you need to use a laptop for note taking please talk to me first.

Grading: Grades are based on the following points:

Reading questions (12 total)	120	GHG inventory written report	50
Hope presentation	50	Homework 8 GHG calculations	25
AASHE bulletin actions	40	Water use in bathrooms raw data	25
Policy Op Ed	75	Water use in bathrooms memo	50
STARS report	65	Water use draft report	50
Lighting assessemnt raw data	50	Water use report review	50
Lighting assessemnt report	100	Water use final report	100
		Participation	150
		Total Points	1000

Final course grades are based on total points, with 100-90% A, 89-80% B, and 79-70% C. The percentage cutoffs may be adjusted or “curved” downward based on the difficulty of assignments, but they will not be moved upwards.

Plagiarism: Plagiarism is using someone else’s work and not giving credit. Plagiarism can consist of either borrowing ideas or borrowing wording or both. If you take a sentence from a source and use it in a paper without quotation marks that is plagiarism. Depending on the seriousness of the case, plagiarism will result in failing an assignment and or being reported to Student Affairs. Please don’t plagiarize.

CHSS Withdrawal Policy: The last day to drop a class is **February 9, 2016 until 11:59pm.** Starting **February 10 – April 26, 2016,** you must submit a paper withdrawal petition. Withdrawal from a class starting **February 10, 2016** will be considered for *serious and compelling* reasons only and **must have accompanying documentation.** The following reasons are **not** considered *serious and compelling*: Changing your major, poor performance, class not required for graduation/major, not attending class or more time needed for other classes. If you wish to withdraw from class due to unexpected changes in your work schedule, illness or family emergencies, **documentation will be required,** along with a copy of unofficial transcripts. Submit your petition **within a reasonable timeframe (e.g., within 2 weeks of a change in work hours.)** From **April 27 – May 17, 2016,** you may not withdraw from a class or the University, except only in the case of a **serious** documented illness or verified accident.

Withdrawals **cannot** be initiated electronically and must be submitted using a paper application. All electronic submissions of withdrawals will be denied automatically by the associate dean. **You are only allowed to withdrawal from a maximum of 18 units and take a class no more than 2 times at SF State.** Approval from the instructor and/or chair does not constitute automatic approval from the associate dean so continue attending class until a decision is made. Please refer to the following website for further information on withdrawal polices: <http://chss.sfsu.edu/src>

CR/NC Option: The last day to request CR/NC option is **March 20, 2016 until 11:59pm.** The Associate Dean will not approve requests for changes if you miss this deadline.

Late Add Policy: The period to add classes via permission numbers is January 27 – February 9, 2016. The period to add classes by Exception is February 10 – February 23, 2016. It is your responsibility to procure a late permission number from your instructor and add the class. Faculty cannot add you into a class. Starting February 24, 2016, a Waiver of College Regulations form must be signed by your instructor, Chair and CHSS Associate Dean to add. This will be approved only if there was an administrative error.

Check your registration through SF State Gateway: Sign up for CR/NC, drop and add classes by the appropriate deadline online through *SF State Gateway*. ALWAYS check your registration after making any changes and BEFORE deadlines to be sure you are registered properly for your classes. Deadlines for all registration procedures, including withdrawals and requests for credit/no credit, are listed in the class schedule and will be strictly adhered to by the instructor, the Department Chair and the Associate Dean of College of Health & Social Sciences. **It is ALWAYS the student's responsibility to ensure their schedule is correct, even if the instructor indicates they will drop you.** This can be viewed on the Registration Calendar at the following website: <http://www.sfsu.edu/~admisrec/reg/regsched2163.html>

Disability Programs and Resource Center: Students with disabilities who need reasonable accommodations are encouraged to work with the instructor and contact Disability Programs and Resource Center (DPRC). They are located in SSB 110, can be reached by telephone at 415-338-2472 (voice/TTY) or by e-mail at dprc@sfsu.edu.

Student Disclosures of Sexual Violence: SF State fosters a campus free of sexual violence including sexual harassment, domestic violence, dating violence, stalking, and/or any form of sex or gender discrimination. If you disclose a personal experience as an SF State student, the course instructor is required to notify the Dean of Students. To disclose any such violence confidentially, contact: **The SAFE Place** - (415) 338-2208; http://www.sfsu.edu/~safe_plc/
Counseling and Psychological Services Center - (415) 338-2208; <http://psyservs.sfsu.edu/>
For more information on your rights and available resources: <http://titleix.sfsu.edu>

Campus and Living Laboratory Grant: The water use projects in the class this semester were developed with funding from the CSU Chancellor's Office Campus as a Living Laboratory grant. The water use project is a collaboration between Carlos Davidson and the SF State Facilities department. Facilities will use the information from student water research projects to aid in campus water use planning, as well as carry out two model bathroom fixture retrofits.

SCHEDULE

Date	Day	Week	Who	Class Topic	Due
28-Jan	Th	1	Davidson	Course overview, what is sustainability?	
2-Feb	Tu	2	Davidson	Sustain. & social justice	
4-Feb	Th	2	Davidson	Sustainability at SFSUI	RQ (= Reading Question)
9-Feb	Tu	3	Nick Kordesch	Sustainability at SFSU II	HW AASHE bulletin
11-Feb	Th	3	Davidson	Assessments and STARS	RQ
16-Feb	Tu	4	Davidson	Finances 1 - endowments	RQ
18-Feb	Th	4	TBA	Students Organizing	
23-Feb	Tu	5	Miguel Guerrero	working with ASI	
25-Feb	Th	5	Davidson	Energy	RQ, Policy Op Ed
1-Mar	Tu	6	Davidson	Lighting training	RQ
3-Mar	Th	6	Davidson	Sustainability Finances II	RQ, STARS memo
8-Mar	Tu	7	Davidson	Sustainability Finances III	
10-Mar	Th	7	Davidson	Water	RQ
Saturday March 12. Field trip to DeAnza college 8:30am-2pm					
15-Mar	Tu	8	Davidson	Climate change I inventories	RQ, HW Lighting data
17-Mar	Th	8	Davidson	Climate I cont + GHG calcs in class	
Spring Break, March 21-25					
29-Mar	Tu	9	Davidson	Climate action planning	RQ
31-Mar	Th	9	No class	Cesar Chavez Day	
5-Apr	Tu	10	Davidson	Organizing Strategies	Lighting report
7-Apr	Th	10	Swinford	SF Dept of Environment	
12-Apr	Tu	11	Pete Costa	transportation I	RQ, Water data and memo
14-Apr	Th	11	TBA	Bicycles	RQ
19-Apr	Tu	12	TBA	transportation II	HW GHG Calcs
21-Apr	Th	12	Davidson	Grounds	RQ
26-Apr	Tu	13	Davidson	Food	RQ
28-Apr	Th	13	City Eats	Food tour	HW GHG inventory
3-May	Tu	14	Davidson	Energy tour	
5-May	Th	14	TBA	Waste	Draft water reports
10-May	Tu	15	Davidson	work on reviews	water report reviews (2 copies)
12-May	Th	15	Davidson	TBA	
17-May	Tu	16	Davidson	conclusions	Final water reports
19-May	Tu	Finals	8-10:30am	Final meeting	11:00 last time to hand in HW