

Environmental Science 2-Section #1082--Fall 2013-Dr. Tony Recht  
Lecture: Tu+Th 9:35 am-11:00 am; Room: MSA 203; Office: Room#MSB 229  
Office Hours: Tu+Th 8:30-9:20 am; Office Phone#: 310-287-4316

Environmental Science 2 is a course about Mankind's ecological place in the environment and examines his impacts and effects upon the natural world. This course is designed to fulfill a non-laboratory science requirement.

**STUDENT LEARNING OBJECTIVES:** The student is expected to learn the principles and terms of ecology, the facts and examples presented in class and from the text supporting them, and their applications to the human impacts on our environment, including but not limited to, impacts caused by overpopulation, resource use, pollution, and overhunting/fishing, habitat loss and similar political/economic decisions as presented in class.

**Attendance:** According to Administration Regulation E13, attendance is mandatory. "Whenever absences, in hours, exceed the number of hours the class meets per week (Three for this course), the instructor will consider whether there are mitigating circumstances which justify the absences. If the instructor determines that such circumstances do not exist, the instructor may exclude the student from the class."

**Withdrawing from the class:** A student withdrawing from the class **must file the appropriate paperwork with the admissions office**. Failing to follow the correct procedure for withdrawals will receive a grade of "F" for the semester. **Last day to drop w/out a fee owed is Friday September 6; w/out a "W" is Friday September 6; w/ a "W" is Friday November 15. Check schedule as online dates may differ.**

**Required Materials:**

1. Textbook: Living in the Environment, Seventeenth Edition, 2012, by G. Tyler Miller & Scott E. Spoolman. Brooks/Cole, Cengage Learning
2. Methodology of Science Exercise (SM).
3. SCANTRON #882-ES answer sheets, pencils. (A small calculator will be helpful.)
4. A well-rested and well-read brain.

**NOTE:** YOU ARE EXPECTED TO USE COLLEGE LEVEL ENGLISH (GRAMMAR, SYNTAX, AND SPELLING) IN ALL OF YOUR WRITTEN AND ORAL COMMUNICATIONS IN THE CLASSROOM.

**Grading: Lecture Exams:** There will be three (3) lecture midterm exams and one (1) final exam. Each lecture midterm exam will be worth 100 points and the (up to 25%) cumulative final will be worth 200 points: Total lecture points=500. The exams will consist of some combination of multiple choice, fill-in, drawing, computation, and essay questions. All students are responsible for taking all exams. You will be expected to provide SCANTRON #882-ES answer sheets and a No. 2 soft lead pencil.

**Your Course Grade:** Is based on your performance on the lecture exams. You will be graded using a percentage system of 90-100 % = A, 80-89 % = B, 60-79 % = C, 50-59 = D, below 49 % = F. This percentage is arrived at after the class mean is adjusted to a value of 65%. This means that, For Example, if the class mean equals 60%, then the equivalent of 5% worth of points will be added to students' scores and the subsequent percent score will determine the students grade. If the class performance falls below a 60% mean, no more than 5% of points will be added.

**Exam Keys:** Exam keys (tests) will be made available, for students to evaluate the answers and to check for errors only during the 2 weeks following the return of the answer sheet (final excepted: no review until following semester). After this 2 week period student access to exam keys will be for study purposes only; exams will remain in my custody for one year after class ends and then disposed of.

Cheating: Cheating will not be tolerated. To avoid any suspicion of cheating adhere to the following procedures during exams:

1. KEEP YOUR EYES ON YOUR OWN PAPER AT ALL TIMES; DO NOT LOOK AROUND.
2. KEEP YOUR ANSWERS COVERED AT ALL TIMES.
3. DO NOT COMMUNICATE WITH ANY OTHER STUDENT DURING THE EXAM.  
(DON'T TALK, NOT EVEN TO ASK FOR AN ERASER OR PENCIL! Raise your hand!)
4. DO NOT USE ANY UNAUTHORIZED MATERIAL DURING THE EXAM.

ANY STUDENT FOUND CHEATING WILL RECEIVE AN "F" FOR THE SEMESTER WHICH WILL BECOME PART OF YOUR PERMANENT RECORD AND YOU MAY BE DISMISSED FROM SCHOOL!!!

NO STUDENT WILL BE PERMITTED TO LEAVE THE CLASSROOM WHILE TAKING AN EXAMINATION. IF YOU LEAVE, YOU TURN IN YOUR EXAM AND YOUR FINISHED!!!  
(So plan your water/food intake and go BEFORE entering the classroom.)

Missed exams: All exams must be taken on the day and time decided by the instructor. No make up exams will be given for any reason. If a student misses one (1) exam, for an excused absence, then the mean exam score from all the other exams given during the semester (including the finals) will be used as the score for the missed exam. If a student misses a second exam, he or she will receive a score of zero (0) for that exam, as also for an unexcused absence. If a student is absent (excused) for the final exam, an incomplete will be given as long as they are passing the class. The incomplete must be made up in the following semester. Since the student will have extra study time, grade requirements will be raised by 5%.

Lecture Procedure:

1. Bring your text and other materials to class as we will be using them: arrive early!
2. The course lecture outline specifies your reading assignment. It is absolutely essential that you read the assigned material PRIOR TO COMING TO CLASS!

(If students DO NOT read ahead, i.e., come unprepared, pop quizzes will be given.)

3. Practice drawing the illustrations in the assigned reading!
4. No eating, drinking, chewing gum, or smoking is permitted in the lecture. Finish your food and drink BEFORE coming to class. If you must smoke, move far enough away from the building area so that smoke (a known carcinogen) does not enter the building.

These are OSHA standards.

4. Cell phones: SEE ATTACHED CELL PHONE POLICY AT THE END.
5. Do not come up to the instructor in class before lecture with questions that could have been resolved in office hours before class. I'm preparing to start the class.
6. No talking during lecture: It's considered rude and is unacceptable behavior. If you continue to talk you will be asked to leave the classroom.
7. If you have a question raise your hand and wait to be called upon.
8. If you are unavoidably late to class have the courtesy to close the door by hand, rotating the knob and do so QUIETLY! DO NOT ALLOW THE DOOR TO SLAM SHUT!!!
9. When class is over (and I dismiss the class) put your chair under the bench.

Any student not following these rules will lose points from their total at the end of the semester!!!!  
SERIOUS INFRACTIONS MAY RESULT IN REMOVAL FROM THE CLASS!!

Date	Lecture Topic	Reading
Aug 27	Administrative Overview, Environmental Overview	Ch 1, SciMeth (SM)
Aug 29	Critical Thinking: Science, Models and Systems	Ch 2 (p31-38) SM
Sep 3-5-10	Matter and Energy Resources: Types and Concepts Weather and Climate	Ch 2 (p38-52) Ch 7 (p147-154, S7)

	Types of Biomes: Climate, Weather, Soils, Flora, Fauna	Ch 7 (p154-167)
	Soils and Biogeochemical cycles	p284, p66-79
Sep 12-17	Ecology, Ecosystems and Food Webs	Ch 3 (p54-66)
	Niche, Competition, Predator/Prey, Adaptation	Ch 4, 5 (to p111)
Sep 19	Examination 1 (Study the previous material.)	
Sep 24	Aquatic Ecology	Ch 8
Sep 26	Population Dynamics, Carrying Capacity & Cons. Biology	Ch 5 (p112-124)
Oct 1-3	Human Population: Growth, Demography & Carrying Cap.	Ch 6
Oct 8-10	Food Resources	Ch 12 (p277-296, p303-316)
Oct 15	Protecting Food Resources:Pesticides and Pest Control	Ch 12 (p297-303)
Oct 17	Water Resources	Ch 13
Oct 22	Examination 2 (Study the previous material-Post Exam 1.)	
Oct 24-29	Nonrenewable Energy Resources	Ch 15
Oct 31-Nov 5	Energy Efficiency and Renewable Energy Resources	Ch 16
Nov 7-12	Air, Water and Noise Pollution	Ch 18, 20, + p595
Nov 11	Veteran's Day-A time to reflect on our history & study!	
Nov 14	Global Climate Change and Ozone Loss	Ch 19
Nov 19	Examination 3 (Study the previous material-Post Exam 2)	
Nov 21	Global Climate Change and Ozone Loss	Ch 19
Nov 26	Sustaining Terrestrial Biodiversity: Ecosystems (Land)	Ch 10
Nov 28-30	Thanksgiving Holiday-A time to reflect on our history & study!	
Dec 3	Sustaining Aquatic Biodiversity	Ch 11
Dec 5	Sustaining Terrestrial Biodiversity: Species	Ch 9

No Classes or Office Hours held during finals week!!

Final Lecture Exam [Study previous material-Post Exam 3+Cumulative (to 25%.)]

Date: Tuesday December 10 Time: 10:15am-12:15pm Room: MSA 203

"No student may be excused from final examinations or be permitted to take the examination before the scheduled time."

#### STUDY IDEAS-THE BEST WAY TO STUDY

##### 1. ALWAYS READ THE ASSIGNED CHAPTERS BEFORE COMING TO LECTURE.

(That way you will understand what is being discussed!!)

##### 2. THE USE OF A RECORDER IS HIGHLY RECOMMENDED.

(As proof, compare the galactic-sized difference between the paucity of material captured in your handwritten notes to the wealth of info found on the recorder!! Curious "why" there's such a huge difference?? It's very Simple. You write down what you don't understand and DON'T write down what you do!!! Therefore there are huge chunks of info missing! Three weeks later, when you're studying for the exam, you have forgotten the stuff "you knew" at the time, and, since it's not in your notes, you never reviewed it! This is a major reason students do poorly in school!)

##### 3. The really smart move, now, is to word-process your notes (triple-spaced) from the tape on a computer and study them!

(Why triple spacing??? So that when you have a question about something in your notes you can A) check the text, B) consult a colleague, or, C) see the Instructor, to get the answer. Write in the answer in red ink right below it!! Later you'll word-process the notes, in bold, into your typed copy.) Why in bold? So you will know this was material you didn't understand and can study it accordingly!!

##### 4. Now use a group study technique (no less than 3-not enough meaningful comment: no more than 5 or it turns into a party!):

a. Compare amended notes with your study group/fill in blanks/resolve questions/differences and see if you understand the concepts presented and the facts that support them!!!

b. Study your amended notes.

c. Get together with your group again and quiz each other to see whether you're familiar with the material or really know it.

5. Classmate names and phone numbers in my study group:

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NOTES:

#### Cell phone policy for Dr. Recht's Classes.

A cell phone is a wonderful device in that it allows us to stay in touch with family, friends and business associates from almost anywhere and at anytime. In an emergency a cell phone can be a life-saver.

However, there is a distraction that occurs when a cell phone goes off in a movie theater, at a funeral, or in a classroom. When it goes off in the classroom, for example, it disrupts the lecture as everyone turns to see whose phone went off. Then we all watch as the owner of the offending phone wrestles it out of its hiding place, fumbles to turn it off and apologizes. Another example is when a student leaves class to answer their cell phone. When either of these happens the class is distracted and students miss lecture information. This distraction can lessen student success in the course.

So, because there are so many students having their cell phones "go off" during class I have decided to put the following policy into effect.

All of Dr. Recht's classes have a "zero tolerance" policy with respect to cell phones.

This means that if your cell phone goes off during class or if you go outside to answer your cell phone during class such that you respond to it you will be told to leave class, and go see Vice-President Betsy Regalado of Student Services SSB 440. Before you may return to class, you must bring a note to me (signed and dated by Vice-President Regalado and yourself) that states that you will not repeat the offense. This will be verified.

If it happens a second time, you will be asked to leave class for that DAY and the NEXT meeting as well! I will file a report with copies given to the Science Department Chair Dr. Bahta and Vice-President Regalado requesting your suspension (removal) from the class for being a disrupting influence.

So if you have to use your phone DO IT DURING THE BREAK!!!!  
DO NOT LEAVE CLASS TO USE YOUR PHONE!!

There may be certain circumstances that require you to have your cell phone on. For example, if you're a peace officer, fireman, or working for homeland security.

If so contact me during break of the first meeting and show me your Identification and Badge. Put your phone on mute and sit at the back of the class by the door to lessen class disruption.

This policy has been Approved by the Science Division Chair Dr. Bahta, Vice-President of Student Affairs Regalado, Dean of Academic Affairs Judith-Ann Friedman, and the LACCD's General (Legal) Counsel, Camille Goulet.