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LECTURE: TR 9:30-10:45A; Young CS50			
Discussion	Time	Location	
1A	Mon 9:00-10:50A	FRANZ 2288	
1B	Mon 1:00-2:50P	FRANZ 2288	
1C	Tues 3:00-4:50P	GEOLOGY 4660	
1D	Wed 8:00-9:50A	GEOLOGY 4660	
1E	Wed 3:00-4:50P	MATH SCI 5233	
1F	Thurs 3:00-4:50P	GEOLOGY 6704	
1G	Fri 8:00-9:50A	GEOLOGY 4660	
1H	Fri 10:00-11:50A	GEOLOGY 4660	
1I	Fri 12:00-1:50P	FRANZ 2288	
1J	Fri 2:00-3:50P	FRANZ 2288	

REQUIRED MATERIALS:
1) PRS Clicker
2) Alcock, <i>Animal Behavior</i> , 8 th edition
Optional:
1) Townsend, Begon, & Harper, <i>Essentials of Ecology</i> , 3 rd Edition

GRADING:

Ecology Exam (Midterm): 360 points
 PRS clickers 40 points
 Behavior Exam (Final): 400 points
Discussion: 400 points
 Total: 1200 points

90-100%	A±	60-69%	D±
80-89%	B±	<60%	F
70-79%	C±		

If the class mean is 75% or higher, letter grades will be based on a straight percentage of the 1200 point maximum according to the breakdown shown above. Within each letter grade, a minus (-) will be assigned to the bottom three percentage points and a plus (+) will be assigned to the top three percentage points (e.g., 80-82.9% is a B-, 87-89.9% is a B+). If the class mean is *lower* than 75%, we will lower the cutoffs somewhat to compensate (e.g., 89% may become an A-).

PRS Clickers: Students are required to bring PRS clickers to class for the Ecology section (10 lectures). Students use clickers to respond electronically to questions posed during lecture. Clickers may be purchased at the bookstore. PRS clicker questions will be worth 5 points/lecture for a total of 40 points. This means you must attend 8 lectures, out of 10, where the clickers will be used to receive all 40 points. Students must only answer the questions to receive points; the answer does not need to be correct. Using a clicker for another student so they will receive points is **cheating** and anyone doing so will be reported to the Dean of Students.

EXAMS: The **Midterm** and **Final** will be a combination of multiple choice, written answer, and problem solving. You must be on time for the exam. Anyone arriving after another student has left will not be allowed to take the exam. They will be partially open-note. You will be allowed to bring one 8" x 11" piece of paper on which you can write any information you consider relevant or helpful for doing well in the exam. You may work with others to study and discuss material to put on the sheet, but you cannot directly copy other's sheets. No calculators. The **Final** will be identical to the midterm in length, and will cover only the last half of the course. You will only be allowed 2 hours for the final exam.

DISCUSSION: A large amount of your grade is the discussion section, where you will be part of a discussion group of 4-5 students in addition to the larger section. As a result, you **must** attend section and be on time. You may miss **ONE** section during the quarter and receive that week's points for group and self-evaluation. However, any assignments due that day must still be handed in on time or lose points. If you miss any subsequent sections, you will lose the group and self evaluation points. If you are not at section by the time students break into smaller groups, you will lose 10 of the points for group work (20 pts possible), if you only come for the last hour of section, you will only get 5 points for the group work. There are no make-ups or extra credit work. If you miss a section where another assignment is to be turned in (e.g., field notes, the prospectus), you should turn that in on time or early for full credit.

If you miss a section and wish to go to an alternate section to learn the material (but not receive points), you **must** get permission from the TA running that section beforehand. No crashing sections. The TA has the right to refuse attendance, based on how full their section is and whether others have already requested permission to attend.

If you are enrolled in the Tuesday section, you will sign up to attend an alternate section during the week of Nov 10, as the Veterans' Day Holiday falls on Tuesday the 11th. You must attend the alternate section you sign up for.

Please check the syllabus carefully to make sure you do not have a scheduling conflict with the test dates. **No make-up tests or extra credit assignments will be given.**

Lecture Schedule

Lecture Date	#	Topic	Reading
Sept 25 Thurs	1	Intro to Ecology: Global ecosystems	Townsend et al. Ch. 1 & Ch 4
Sept 30 Tues	2	Populations: Single species	Townsend et al. Ch.5
Oct 2 Thurs	3	Populations: Interspecific Interactions 1	Townsend et al. Ch.6 & Ch. 8 267-280
Oct 7 Tues	4	Populations: Interspecific Interactions 2	Townsend et al. Ch.7
Oct 9 Thurs	5	Disturbance and Succession	Townsend et al. Ch.9 (299-307)
Oct 14 Tues	6	Biodiversity	Townsend et al. Ch.9 (307-314), Ch 10
Oct 16 Thurs	7	Metapopulations and Dispersal	Townsend et al. Ch.9 (307-314), Ch 10
Oct 21 Tues	8	Connectivity and Extinction	Townsend et al. Ch.14
Oct 23 Thurs	9	Global Climate Change & Applied Ecology	
Oct 28 Tues	10	Ecology Exam	
Oct 30 Thurs	11	Introduction to Behavior	Alcock Ch. 1
Nov 4 Tues	12	Neural and hormonal mechanisms	Alcock Ch. 4 & 5
Nov 6 Thurs	13	Behavior genetics and learning	Alcock Ch. 3
Nov 11 Tues		<i>Veterans holiday (no class)</i>	
Nov 13 Thurs	14	Optimality models and foraging	Alcock Ch. 7
Nov 18 Tues	15	Anti-predator behavior	Alcock Ch. 6
Nov 20 Thurs	16	Sex roles & mating systems	Alcock Ch. 10 & 11
Nov 25 Tues	17	Mate choice & sexual conflict	Alcock Ch. 10 & 11
Nov 27 Thurs		<i>Thanksgiving holiday (no class)</i>	
Dec 2 Tues	18	Evolution of cooperation	Alcock Ch. 13
Dec 4 Thurs	19	Wrap up and review	
Dec 8 Mon		FINAL EXAM 12:30 AM-2:30 PM (Room TBA)	

COURSE POLICIES

STUDY TIPS: Although the tests may include any material covered in lecture, discussion or the assigned readings, you should pay special attention to the lecture material. The emphasis of the tests will be on concepts (theories) and scientific approaches (methods). You will encounter many terms in this course that have both common and scientific meanings. It is very important that you learn the scientific definitions of these terms, as given in lecture or the assigned readings. In general, you will not be expected to learn the names of scientists mentioned in lecture, but you should be familiar with the names of people associated with major conceptual advances (e.g., Connell, Darwin, Hamilton). One of the best ways to study for this course (and others like it) is to convert your lecture and reading notes into a series of questions and write the answers down separately (e.g., on opposite sides of the same page) in your own words. When studying, try to answer the questions again but without looking at the answers. Rote memorization will not serve you very well in this course.

DROPPING THE COURSE: If you decide to drop this course, *do not wait until the last minute to try and get our signatures - do not wait until after the final exam.* Please be aware that you must not complete the course in any way (i.e., take the final) if you wish to have a restricted late drop.

POLICY ON LATE ASSIGNMENTS: To be fair to your fellow students, late assignments will lose 10% of their point value each day they are late. This penalty includes weekends and holidays and begins accruing immediately after papers are collected. Please hand in your assignments when they are due to avoid penalties. This INCLUDES electronic copies submitted to Turnitin.com (see below).

CHEATING, PLAGIARISM, AND TURNITIN.COM: Any student caught cheating or plagiarizing will be given zero points for that test or paper and reported immediately to the Dean's Office for disciplinary action. We keep copies of papers from past years on file and we will use the document checking service, Turnitin.com. We will review in class what constitutes plagiarism, but you should also read the information provided at the following web sites:
<http://www.library.ucla.edu/bruinsuccess/>
http://www.tunitin.com/research_site/e_home.html
http://owl.english.purdue.edu/handouts/research/r_plagiar.html
<http://www.indiana.edu/~wts/pamphlets.shtml>

For the **Final Paper** you have to provide both a hardcopy version of your paper AND submit an electronic version to Turnitin.com. Failure to do both on-time will result in losing points as outlined above. When you turn in your hard copy, you **MUST** include a printout of the Originality Report from Turnitin.com. It can take up to 24 hours for the site process a paper so plan your time accordingly.

Keep in mind the following points when using Turnitin.com:

1. Upload only the final text of your paper, *without* the references section. Turnitin.com only allows one submission per assignment. The graders will compare your hardcopy paper to your Turnitin.com submission. Substantive differences in the text will make your paper unacceptable.
2. Be sure to include references in the hardcopy version.
3. If you encounter difficulties submitting to Turnitin.com, try: (i) Uploading several times (sometimes the problem will go away); or (ii) Switch computers and try again. It is your responsibility to make us aware of any problems before the assignment is due. Thus, it is to your great advantage not to wait until the last possible moment to submit it.