ANTHROPOLOGY 347C [31385, 31390]
METHODS IN PRIMATE BIOLOGY

SPRING 2011

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.**TEXTBOOKS:** Required (2):
Measuring Behaviour by Martin & Bateson (3rd ed) [M&B]
Primate Behavior: An Exercise Workbook by Paterson (2nd ed) [WB]

Recommended (1):
Handbook of Ethological Methods by Lehner (2nd ed)

Additional readings will be available on Blackboard

COURSE DESCRIPTION:

This course focuses on the study of primate behavior and the methods by which animal behavior is observed and documented. You will learn how to formulate hypotheses and predictions, devise research projects designed to test these predictions, collect data, and write comprehensive scientific research reports describing your results. Not only will you be introduced to various observational techniques, but you will also get hands-on experience in using these methods with a mouse lemur colony at the UT Animal Resource Center.

***Expectations:* This course is a substantial writing course. You will be expected to write multiple papers. There are no tests so you can spend ALL your time devoted to working on the papers. Plan accordingly.**

COURSE REQUIREMENTS:

Prerequisite: ANT 346

You will be spending the majority of your time in the lemur room at the ARC. The observation rooms share the air with the lemur habitat rooms. The temperature is warm and the air smells strongly of animals. Please be prepared. You will need a **digital watch** (preferably one with a "countdown repeat" function) that you can read in the dark for each day of data collection in lab. **You will be unable to conduct your lab without this digital timing device. Simply using a regular watch will not be acceptable.** You may also find that a **clipboard** will be useful on lab days. The

observation room is dark so you may find a book light useful or a headlamp with a red **light**.

The lab component of this class is most often held at the ARC. There are very specific rules and regulations that must be followed in order for you to conduct the lab component of this class at the ARC. If at any time you violate the rules presented to you in class or are asked not to return by the ARC, then you will be unable to complete the lab portion of this class, resulting in a failing grade.

ASSIGNMENTS AND GRADING:

During the course of the semester, you will be conducting a series of exercises and research projects. ***Keep in mind that this course requires a substantial amount of time outside of class conducting library research, analyzing data, and writing research reports.*** All due dates are firm and are on the accompanying schedule. Assignments are due at the beginning of class on the due date. All late papers will be lowered by a half letter grade for each day that they are late.

This course has a lab component. **Attendance for your lab is mandatory**. You cannot attend another lab section without prior permission of the TA. After a single absence for lab, overall course grades will be lowered a letter grade for each additional missed day (two lates are equivalent to an absence). You will be marked "late" if you are 10 minutes (or more) tardy for class or any lab appointment with the TA.

Preliminary Library Research Paper (4-6 pages)	10%
Ethogram/Animal ID Exercise	15%
Re-write Preliminary Library Research Paper	10%
Scan Sampling Research Report	25%
Focal Sampling Research Report	25%
Presentation	15%

The presentations will take place during the final exam period for the class. This year, the date is **Wednesday, May 11th from 2-5pm**.

ACADEMIC INTEGRITY

If you are caught plagiarizing, I will be following the university guidelines for disciplinary actions: (deanofstudents.utexas.edu/sjs/academicintegrity.html), see also (www.academicintegrity.org/).

Each student in this course is expected to abide by the University Code of Academic Integrity (see attached). Any work submitted by a student in this course for academic credit will be the student's own work. You are encouraged to study together and discuss information and concepts covered in lecture. You can give "consulting" help to or receive "consulting" help from such students. However, this permissible cooperation should never involve one student having possession of a copy of all or part of work done by someone else, in the form of email, email attachment file, disk, or hard copy. Should copying occur, both the student who copied from another student and the student who gave material to be copied will both be automatically receive a zero for the assignment. Penalty for violation of this Code can also be extended to include failure of the course and University disciplinary action.

During examinations, you must do your own work. Talking or discussion is not permitted during the examinations, nor may you compare papers, copy from others, or collaborate in any way. Any collaborative behavior during the exams will result in failure of the exam, and may result in failure of the course and University disciplinary action.

THE UNIVERSITY OF TEXAS HONOR CODE

The core values of The University of Texas at Austin are learning, discovery, freedom, leadership, individual opportunity, and responsibility. Each member of the University is expected to uphold these values through integrity, honesty, trust, fairness, and respect toward peers and community.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

In compliance with the UT Austin policy and equal access laws, I am available to discuss appropriate academic accommodations that may be required for students with disabilities. Requests for academic accommodations are to be made during the 1st 3 weeks of the semester, except for unusual circumstances, so arrangements can be made. Students are encouraged to register with Student Disability Services to verify their eligibility for appropriate accommodations (see attached).

NOTICE ABOUT STUDENTS WITH DISABILITIES

The University of Texas at Austin provides upon request appropriate academic adjustments for qualified students with disabilities. For more information contact the Office of the Dean of Students at (512) 471-6259. Students who require special accommodations need to get a letter that documents the disability from the Services for Students with Disabilities area of the Office of the Dean of Students at 471-6529; 471-4641 TTY. This letter should be presented to the instructor in each course at the beginning of the semester and accommodations needed should be discussed at that time. Five business days before an exam the student should remind the instructor of any testing accommodations that will be needed. For more information: http://deanofstudents.utexas.edu/ssd/providing.php.

NOTICE ABOUT MISSED WORK DUE TO RELIGIOUS HOLY DAYS

Religious holy days sometimes conflict with class and examination schedules. If you miss an examination, work assignment, or other project due to the observance of a religious holy day, you will be given an opportunity to complete the work missed within a reasonable time **after** the absence. It is the policy of The University of Texas at Austin that **you must notify each of your instructors at least fourteen (14) days prior to the classes scheduled on dates you will be absent** to observe a religious holy days.

USE OF BLACKBOARD IN CLASSES

This course uses Blackboard, a web-based course management system in which a password-protected site is created for each course. Blackboard will be used to distribute course materials, to communicate and collaborate online, to post grades, to submit assignments, and to take online quizzes and surveys. You will be responsible for checking the Blackboard course site regularly for class work and announcements. As with all computer systems, there are occasional scheduled downtimes as well as unanticipated disruptions. Notification of these disruptions will be posted on the Blackboard login page. Scheduled downtimes are NOT an excuse for late work. However, if there is an unscheduled downtime for a significant period of time, I will make an adjustment if it occurs close to the due date. Blackboard is available at http://courses.utexas.edu.

UNIVERSITY E-MAIL NOTIFICATION POLICY

All students should become familiar with the University's official e-mail student notification policy. It is the student's responsibility to keep the University informed as to changes in his or her e-mail address. Students are expected to check e-mail on a frequent and regular basis in order to stay current with University-related communications, recognizing that certain communications may be time-critical. It is recommended that e-mail be checked daily, but at a minimum, twice per week. The complete text of this policy and instructions for updating your e-mail address are available at http://www.utexas.edu/its/policies/emailnotify.html.

In this course e-mail will be used as a means of communication with students. You will be responsible for checking your e-mail regularly for class work and announcements. Note: if you are an employee of the University, your e-mail address in Blackboard is your employee address.

Lecture	Readings	Assignment Due	Lab
Jan 17 **No Class**			*Jan 18, 20* SAC **Introduction, Scientific Me**
Jan 24 **Behavioral Ecology - Review**	Ray (2007) **(BB)** Overdorff & Parga (2007) **(BB)** Strier ch.5 **(BB)**		SAC 5.124 **Regulations, & ARC Orien**
Jan 31 **Ethograms**	WB exercises 1-2 M&B ch. 3-4	Research Paper due	ARC **Animal Ethograms**
Feb 7 **Scan Sampling**	WB exercises 5-6 M&B ch. 5-8 Dunbar (1988) Ch.6 **(BB)**	Questions, hypotheses, & predictions due	ARC **Scan Project** *Ethograms due*
Feb 14 **Project Workshop**	WB ch. 4-5	Re-write of Research Paper due	ARC **Scan Project**
Feb 21 **How to write a research report**	WB ch. 4-5		ARC **Scan Project**
Feb 28 **Write-Up & Statistics**		*Intro & Methods due*	ARC **Scan Project**
Mar 7 **Focal Sampling**	M&B ch. 9-11		SAC 5.124 **Project Work**
Mar 14-18			
Mar 21 **Project Workshop**	WB exercises 8-11, 22	Question, hypotheses, predictions due *Rough drafts due*	ARC **Focal Pr**
Mar 28 **Project Workshop**			ARC **Focal Project**
Apr 4 **Habitat Description**	WB exercises 14-18	*Scan Report due*	ARC **Focal Project**
Apr 11 **Project Workshop**	WB exercises 12-13	*Intro & Methods due*	ARC **Focal Project**

Apr 18 **Survey & Census**	Ross & Reeve (2003) **(BB)**		ARC **Focal Project**
Apr 25 **Field Endocrinology**	Hodges & Heistermann (2003) **(BB)**		ARC **Focal Project**
May 2 **Probability Stats**			SAC 5.124 **Project Work**
May 11 **Presentations**		*Focal Report Due*	