ANTH 1L: Introduction to Biological Anthropology Lab- Ticket 11535
Saddleback College, Spring 2010

INSTRUCTOR:
Meredith Dorner
E-mail: mdorner@saddleback.edu
Office Hours: by appointment

MEETING PLACE & TIME:
BGS 340
Wednesday 12:00-2:50 pm

COURSE DESCRIPTION AND OBJECTIVES:

This course is an introductory lab to biological anthropology. We will explore what it means to be human through study of modern human variation and genetics, the behavior and evolution of different species of primates, and the evolution of the human species. By the end of this course you should be familiar with the processes of evolution, the basics of genetics, the characteristics of the different groups of primates, and current theories about the evolution of different hominid species. The primary goal of this course is to introduce students to the fundamental concepts of biological anthropology, focusing on understanding modern human variation and the evolution of *Homo sapiens*. The understanding of this field will be ensured by the completion of lab exercises

STUDENT LEARNING OUTCOMES

Students will learn scientific method and its application in biological anthropology particularly as it relates to human evolution. Students will also learn how species adapt and change through the process of natural selection and will demonstrate this skill through hands on lab activities.

REQUIRED TEXTBOOKS:

Exploring Physical Anthropology: A Lab Manual and Workbook, 2007, by Suzanne E. Walker.

CLASSROOM POLICIES:

Students will be graded on class participation, exams, and lab assignments. Class attendance is important and will be taken during each class meeting. A student who is misses more than the equivalent of one week of classes without prior arrangement with the instructor may be dropped from the course. Late arrivals and early departures from class without prior arrangement may result in penalties reflected in the student participation grade. Smoking, eating, and drinking are not permitted in the classroom, and all pagers and cell phones must be turned off prior to the start of class. Behavior that is respectful of the class is expected of all students; any student behaving inappropriately may be dismissed from that class meeting or the course in general. **Students who miss either or both of the first two class meetings without speaking with me ahead of time will automatically be dropped from the class.**

A student with a verified disability may be entitled to appropriate academic accommodations. Please contact me and/or the Special Services Program.

ASSIGNMENTS & EXAMS

Exams (3): 20% each
Lab Exercise Completion (Book checks/Participation): 30%
Poster: 10%

Exams will be a combination of objective questions (multiple choice, true/false, and problem-solving, etc.), short-answer / essay questions, and in class practicals. Exams are non-cumulative. The Lab Exercise Completion grade will be based on the student's participation in class exercises, class discussion, and completion of every lab activity. Lab books will be checked every class- **you must have your labs checked**

in by the week before the exam on which they are covered in order to receive credit for them. The poster will be discussed further in class.

You are expected to check the class blackboard website (http://socccd.blackboard.com) several times each week for updates and announcements. When applicable, I will also post practice worksheets and notes for class that you can download and print in order to assist you in your note taking.

GRADING POLICIES:
100-90%: A 89-80%: B 79-70%: C 69-60%: D 59% and below: F
Final grades will be assigned using the above percentage scale.

Due to the nature of the exams, THERE WILL BE NO MAKE-UP EXAMS! NO CREDIT WILL BE GIVEN FOR WORK THAT IS TURNED IN AFTER THE DUE DATE. All students should look over any exams or papers that have been graded and, if necessary, should resolve any grading issues within two weeks after the return of that particular assignment or exam. Students seeking an "incomplete" grade in the course must file a petition with the instructor citing unforeseeable, emergency, and justifiable reasons.

Plagiarism and cheating constitute violations of academic honesty whether perpetrated actively or passively. All violations and suspected violations of academic honesty will result in action taken against the parties involved, and will be documented in writing with the Dean. Sanctions may include no-credit on the assignment in question, course failure, or formal charges of student misconduct. Formal charges can result in academic probation, suspension, or expulsion. **EXAMS ARE CLOSED-BOOK, EVIDENCE OF CHEATING WILL RESULT IN FAILURE.**

SCHEDULE OF LECTURE TOPICS AND READINGS
Please note that the following schedule is **tentative** and **subject to change**. Changes will be announced in class and will be updated on the announcements page on the course blackboard website. It is your responsibility to stay up to date with changes that are posted.

Week	Date	Topic	Lab Manual Chapter
1	1/13	Introduction, Scientific Theory	1
2	1/20	Cell Biology	2
3	1/27	Protein Synthesis	3
4	2/3	Cell Division	4
5	2/11	Inheritance and Review	5
6	2/17	**EXAM 1 (Ch 1-5)**	---
7	2/24	Classification, Forces of Evolution	6
8	3/3	Osteology	7
9	3/10	Forensics	8
10	3/17	**SPRING BREAK**	---
11	3/24	Comparative Osteology and Review	9
12	3/31	**EXAM 2 (Ch 6-9)**	---
13	4/7	Classification and Living Primates	10
14	4/14	Primates Behavior	11
15	4/21	Early Primates and hominids	12, 13
16	4/28	Early hominids and the Genus Homo	13, 14
17	5/5	The Genus Homo	14
18	5/12	**Poster session**, review for Exam 3	---
19	5/19	**EXAM 3 (Ch 10-14) 12:45-2:45 PM**	---