Anthropology 222: Human Evolution in Review
Winter 2008

Wednesday, 9-12 AM
350 Haines Hall
Instructor: Clark Barrett (barrett@anthro.ucla.edu)
Office: 370 Haines Hall
Office Hours: By appointment
Web Page: http://www.sscnet.ucla.edu/08W/anthro222-1/

Overview of the Course:
This course is a general introduction to biological anthropology. It provides an overview of topics in biological anthropology for entering graduate students whose primary background is in areas other than biological anthropology. The course consists of two parts: (1) Anthro 7, and (2) a graduate seminar. Students are expected to attend the two lectures given each week in Anthropology 7, the department’s introductory course in biological anthropology. Students are also expected to do the assigned readings and take the exams in Anthro 7. In addition to the Anthro 7 exams, there will be two take-home exams for the seminar, and weekly readings. There will be weekly discussions of the readings and material, and you will be asked to prepare brief discussion questions.

Lectures, discussion, and weekly assignments:
Each week there are two things you must attend:

1) The two lectures in Anthro 7:
Tuesday and Thursday, 12:30PM, 1:45PM Haines 39
Instructor: Joe Manson
course website: http://www.sscnet.ucla.edu/08W/anthro7-1/
You are not required to attend a discussion section, but may if you wish.

2) The weekly 222 seminar:
Wednesday, 9-12, in Haines 350.
In this seminar we will discuss the material from Anthro 7, as well as the additional readings that will cover topics in greater depth. Each week I will make a brief introductory presentation and then we will have a discussion of the readings and material. I will ask each of you to prepare two or three discussion questions each week, which we will use as focus points for the discussions.

In addition to attending lectures and the Monday seminar, your weekly assignments will include
(1) doing the weekly readings for Anthro 7,
(2) doing the weekly seminar readings (see below), and
(3) preparing two or three discussion questions each week.
Exams:
There will be a total of 4 exams for the course. Two of these will be the midterm and final exams for Anthro 7. In addition to the Anthro 7 exams, there will be a take home midterm examination for the seminar during the fourth week of class, and a take home final examination. Both exams will cover material in the readings and in the discussion.

Grading:
Half of your grade will be based on your score on the two Anthro 7 exams. The other half will be derived from your take-home exams.

Readings:
Each week we will read several papers drawn from the literature, usually dealing with topics that are being covered in lecture at about the same time. These papers will be posted on the class web page as Adobe Acrobat (pdf) files, and can be printed out for free at the Social Sciences Computing lab in the Public Policy building, or on your own printer, or just read onscreen. Readings will be posted on the class website. You will need your BOL password to access them.

Seminar Topics
• January 9. Introduction. Why evolution is important, and how biologists and anthropologists study it.
• January 16. Natural selection and genetics.
• January 23. Population genetics, speciation, and phylogeny.
• January 30. Evolutionary theory and the evolution of behavior.
• February 6. How evolution shapes primate social behavior.
• February 13. Early hominid evolution, and the evolution of hominid behavior and lifeways.
• February 27. Modern human variation: how and why people differ genetically, and evolution of human life histories.
• March 5. The genetics and variation of modern human populations continued.
• March 12. The evolution of modern human psychology, behavior, and culture.