

ANTH 260 PHYSICAL ANTHROPOLOGY
FALL 2004

COURSE OUTLINE

1. Instructor Information

- (a) Instructor: Brenda Clark, M.A.
- (b) Office hours: Monday 12:30-1:30, Tuesday 9:30-10:30, Wednesday 11:30-12:30, Thursday 12:30-1:30, Friday 11:30-12:30
- (c) Location: Young 212A
- (d) Phone: 370-3375
- (e) E-mail: clark@camosun.bc.ca

2. Intended Learning Outcomes

Upon successful completion of this course, the student should be able to:

- Discuss the evidence and theories for the origin and evolution of the human species
- Identify and explain the forces of evolution as applied to human evolution
- Explain why humans belong to the primate order
- Explain human biological diversity from the perspective of adaptation
- Critically evaluate, from an anthropological perspective, such issues as: the AIDS pandemic, the origin of “diseases of civilization”, “race”, evidence for human origins and evolution.
- Perform basic human body measurements
- Identify basic differences between human and non-human skeletons
- Establish a basic biological profile from skeletal remains: age and sex
- Solve simple problems in practical genetics: inheritance and pedigree analysis
- Explain why the human species cannot be divided into biological races and that the concept of race is a cultural construct
- Apply physical anthropology in addressing problems of the modern world: racism, human health and disease, species extinctions

3. Required Materials

Texts: Relethford, John H. 2003. *The Human Species*. 5th edition. New York: The McGraw-Hill Companies.
Dettwyler, Katherine. 1994. *Dancing Skeletons: Life and Death in West Africa*. Prospect Heights, Ill: Waveland Press Inc.

Lab Manual: Lab Manual for Physical Anthropology

4. Basis of Student Assessment

(a.) Exams: There will be 2 exams equally weighted for a total of 70% of your final grade. Each exam will consist of a take-home essay question and an in-class component. The essay question is worth 12.5% of each exam and is due at the beginning of class on the day of the exam. The essay will be type-written, double-spaced and approximately 5 pages in length. The take-home part of the exam is based on *Dancing Skeletons* and an internet resource.

Exam 1: written in class on October 28

Exam 2: written during the College's formal exam period.

(b.) Labs: The laboratory part of Anthropology 260 is worth 30% of your final grade to be calculated as follows:

- 9 labs marked out of 10 points each = 90 points (each lab is worth 2 marks of your total class mark)
- 2 lab quizzes marked out of 30 points each = 60 points (each lab quiz is worth 6 marks of your total class mark)
- total 150 points = 30%

Both lecture exams and the lab quizzes must be attempted in to successfully complete Anthropology 260. **Examinations and quizzes must be written during the scheduled times.** In the case of illness, **a medical certificate is required in order to write a make-up exam.** If a student fails to come for a make-up at the scheduled time, the exam will not be further rescheduled unless a medical certificate is presented to the instructor. Unavailability of texts and pressure of other work does not constitute a reason for missing exams, quizzes, or assignments.

Please note: additional assignments **are not** available to students in order to up-grade poor marks from exams or lab work.

5. Grading System

The following percentage conversion to letter grade will be used:

A+ = 95 - 100%	B = 75 - 79%	D = 50 - 59%
A = 90 - 94%	B- = 70 - 74%	F = 0.0 - 49%
A- = 85 - 89%	C+ = 65 - 69%	I = See Calendar for details
B+ = 80 - 85%	C = 60 - 64%	

W = Official withdrawal has taken place.

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College Calendar, Registrar's Office or the College web site at <http://www.camosun.bc.ca>

ACADEMIC CONDUCT POLICY

There is an Academic Conduct Policy. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, Registration, and on the College web site in the Policy Section. www.camosun.bc.ca/divisions/pres/policy/2-education/2-8

Class sequence

WEEK	TUESDAY LABS	FRIDAY LECTURE
1 Sept 6-10	Class registration and course outline	Evolutionary Theory The Biocultural Approach Readings: Chapter 1 and <i>Dancing Skeletons</i> Chapters 1-3.
2 Sept 13-17	Human Osteology I: cranial and axial skeleton	Heredity Readings: Chapter 2
3 Sept 20-24	Human Genetics	Population Genetics Readings: Chapter 3
4 Sept 27-Oct 1	Human Osteology II: appendicular skeleton	The Primates: Characteristics and Classification Videos: <i>A Life in the Trees</i> ; <i>The Primates</i> Readings: Chapters 8 and 9
5 Oct 4-8	Comparative Anatomy	Primate Social Behaviour Video: <i>Hanuman Langurs, Monkeys of India</i> Readings: Chapters 9 and 10 (pp 285-295)
6 Oct 11-15	Human Skeletal Variation: Sex and Age	The Human Species Readings: Chapter 10
7 Oct 18-22	Lab Quiz 1	Primate Origins and Evolution Readings: Chapters 4 and 11
8 Oct 25-29	Pathology	Exam 1
9 Nov 1-5	Osteometrics	Hominid Evolution Readings: Chapter 12
10 Nov 8-12	Fossils I: Oligocene, Miocene and Plio-Pleistocene	Hominid Evolution Video: <i>Humans, Who Are We?</i> Readings: Chapter 13
11 Nov 15-19	Fossils II: Middle and Late Pleistocene	Modern Human Origins Readings: Chapter 14
12 Nov 22-26	Anthropometrics and Dermatoglyphics	Human Variation Readings: Chapters 5, 6
13 Nov 29-Dec 3	Lab Quiz 2	Human Adaptation Readings: Chapter 7 and <i>Dancing Skeletons</i> Chapters 4-9
14 Dec 6-10		Human Biology and Culture Change Readings: Chapter 15 and <i>Dancing Skeletons</i> Chapters 10-14

