

ANTH 260 PHYSICAL ANTHROPOLOGY
FALL 2002

COURSE OUTLINE

1. Instructor Information

- (a) Instructor: Brenda Clark, M.A.
- (b) Office hours: Wed. 11:00-1:30, Thurs 1:30-2:30, Fri 11:00-12:30, or by appointment
- (c) Location: Young 212A
- (d) Phone: 370-3375
- (e) E-mail: clark@camosun.bc.ca
- (e) Website: <http://www.camosun.bc.ca/schools/artsci/socsci/anth.htm>

2. Intended Learning Outcomes

Knowledge Outcomes

- 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
- Understand the relationship between human biology and culture
- Explain why humans belong to the primate order
- Explain human biological diversity from the perspective of adaptation

Skills Outcomes

- 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 anthropometric 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
- Recognize the normal human karyotype.

Attitude Outcomes

- Understand that the human species cannot be divided into biological races and that the concept of race is a cultural construct
- Appreciate the applicability of physical anthropology in addressing problems of the modern world: racism, human health and disease, species extinctions.

3. Required Materials

Texts: Relethford, John H. 1997. *Fundamentals of Biological Anthropology*. 2nd edition. Mayfield Publishing Company. Mountain View, CA.

Dettwyler, Katherine. 1994. *Dancing Skeletons: Life and Death in West Africa*. Prospect Heights, Ill: Waveland Press Inc.

Reserve readings:

Grayson, Donald. *Differential Mortality and the Donner Party*

Lab Manual: Lab Manual for Physical Anthropology

4. Basis of Student Assessment (Weighting)

(a.) Exams: There will be 2 exams equally weighted for a total of 70% of your final grade.

Exam 1: written in class on October 31

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
- 2 lab quizzes marked out of 30 points each = 60 points
- 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 upgrade 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

6. Course schedule

WEEK	TUESDAY LABS	THURSDAY LECTURE
1 Sept 2– 6	Class registration and course outline	Introduction to biological anthropology Read: Relethford Chapter 1
2 Sept 9 – 13	Human Osteology I	The Living Primates: Characteristics and Classification. Read: Relethford Chapter 4 Videos: <i>A Life in the Trees</i> ; <i>The Primates</i>
3 Sept 16 – 20	Comparative Anatomy	Primate Social Behaviour Studying the Human Species Read: Relethford Chapter 4 and Dettwyler Chapters 1-5
4 Sept 23 – 27	Primate Classification and Behaviour	Defining the Human Species Read: Relethford Chapter 5
5 Sept 30 – Oct 4	Human Osteology II	Heredity Read: Relethford Chapter 2
6 Oct 7 – 11	Practical genetics	Evolution in living human populations Read: Relethford Chapters 3 (microevolution and evolutionary forces) and 11; and <i>Differential Mortality and the Donner Party Disaster</i>
7 Oct 14 – 18	Lab Quiz 1 covering weeks 2 – 6	Human biological diversity Read: Relethford Chapter 10
8 Oct 21 – 25	Human skeletal variation: Age and Sex	Understanding the origin of species: the record of the past Read: Relethford Chapters 3 (macroevolution to end) and 10
9 Oct 28 – Nov 1	Fossils: Plio-Pleistocene hominids	EXAM 1 covering lectures and readings Weeks 1 - 7
10 Nov 4 – 8	Fossils: Middle and Late Pleistocene hominids	Hominid Evolution Read: Relethford Chapters 7 and 8
11 Nov 11 – 15	Hominid variability: osteometrics	Hominid Evolution <i>Video: Humans Who Are We?</i>
12 Nov 18 – 22	Anthropometrics	Modern Human Origins Read: Relethford Chapter 9

13 Nov 25 – 29	Lab Quiz 2	Biology and culture change: the evolution of human disease Read: Relethford Chapter 12; and Dettwyler Chapters 6-14
14 Dec 2 - 6	No Lab	Humans in Evolutionary Perspective: Applied Biological Anthropology Read: Relethford Chapter 12