



**School of Arts & Science
SOCIAL SCIENCES DEPARTMENT**

**ANTH 260-001
Physical Anthropology
FALL 2007**

COURSE OUTLINE

1. Instructor Information

- (a) Instructor: Brenda Clark M.A.
- (b) Office Hours: Tuesday and Wednesday 11:30-12:30 or by appointment
- (c) Location: Young 212A
- (d) Phone: 370-3375 Alternative Phone:
- (e) Email: clark@camosun.bc.ca
- (f) Website: <http://clark.disted.camosun.bc.ca>

2. Intended Learning Outcomes

Upon completion of this course the student will be able to:

1. Discuss the evidence and theories for the origin and evolution of the human species.
2. Identify and explain the forces of evolution as applied to human evolution.
3. Explain and analyze the relationship between human biology and culture.
4. Explain why humans belong to the primate order.
5. Explain human biological diversity from the perspective of adaptation.
6. 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.
7. Perform basic human body measurements.
8. Identify basic differences between human and non-human skeletons.
9. Establish a basic biological profile from skeletal remains: age and sex.
10. Solve simple problems in practical genetics: inheritance and pedigree analysis.
11. Recognize the normal human karyotype (chromosome characteristics).
12. Explain why the human species cannot be divided into biological races and that the concept of race is a cultural construct.
13. Apply physical anthropology in addressing problems of the modern world: racism, human health and disease, species extinction.

3. Required Materials

Texts Fuentes, Agustin (2007) *Core Concepts in Biological Anthropology*.
 McGraw Hill Companies.

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

 Lab Manual for Physical Anthropology

4. Basis of Student Assessment (Weighting)

- (a) Labs The laboratory part of Anthropology 260 is worth **30% of your final grade** to be calculated as follows:
- 10 labs marked out of 10 points each (each lab is worth 1.5 marks of your total class mark)
 - 2 lab quizzes worth 7.5 marks each of your total course mark
 - You will be allowed to make up a missed lab with a reasonable excuse. Reasonable excuses do not include: vacations, long weekends, work schedules, poor planning or poor time management on your part.
- (b) Exams There will be 2 exams equally weighted for a total of 70% of your final grade.
Exam 1: written in class on Tuesday October 23
Exam 2: written during the College's formal exam period.

Please note: students must be available during the College's official exam period at the end of term. Do not leave town without confirming your exam dates.

Both lecture exams and the lab quizzes must be attempted and passed 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

Standard Grading System (GPA)

| Percentage | Grade | Description | Grade Point Equivalency |
|------------|-------|---|-------------------------|
| 90-100 | A+ | | 9 |
| 85-89 | A | | 8 |
| 80-84 | A- | | 7 |
| 77-79 | B+ | | 6 |
| 73-76 | B | | 5 |
| 70-72 | B- | | 4 |
| 65-69 | C+ | | 3 |
| 60-64 | C | | 2 |
| 50-59 | D | Minimum level of achievement for which credit is granted; a course with a "D" grade cannot be used as a prerequisite. | 1 |
| 0-49 | F | Minimum level has not been achieved. | 0 |

Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy E-1.5 at camosun.ca for information on conversion to final grades, and for additional information on student record and transcript notations.

| Temporary Grade | Description |
|-----------------|--|
| I | <i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family. |
| IP | <i>In progress:</i> A temporary grade assigned for courses that, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. (For these courses a final grade will be assigned to either the 3 rd course attempt or at the point of course completion.) |
| CW | <i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement. |

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, at Student Services or the College web site at camosun.ca.

STUDENT CONDUCT POLICY

There is a Student Conduct Policy **which includes plagiarism**. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, at Student Services and on the College web site in the Policy Section.

6. Course Content and Schedule

| WEEK | LECTURE | LAB |
|----------------|---|---|
| 1 Sept 3-7 | Class registration and course outline. Lecture: The Anthropological Perspective | No lab |
| 2 Sept 10-14 | a. The Anthropological Perspective: discussion b. Development of Evolutionary Theory Readings: Introduction and Chapter 1 Dettwyler: 1, 3, 5, 7, 8, 11 | Lab 1 Human Osteology I |
| 3 Sept 17-21 | Heredity: Individuals and Families Readings: Chapter 2 Dettwyler: 2, 8, 13 | Lab 2 Human Osteology II |
| 4 Sept 24-28 | a. Basics of Human Biology b. Human Growth and Development: the lifecycle Readings: Chapter 3; "Code 2" article | Lab 3 Human Variation I: Sex and Age |
| 5 Oct 1-5 | The Primates Readings: Chapter 5 | Lab 4 Comparative Anatomy I: Diet and Locomotion |
| 6 Oct 8-12 | Primate Social Behaviour Readings: Chapter 5 Video: Hanuman Langurs, Monkeys of India | LAB QUIZ 1 |
| 7 Oct 15-19 | Modern Evolutionary Theory Readings: Chapter 4 | Lab 5 Human Variation II: Palaeopathology |
| 8 Oct 22-26 | EXAM 1 | Lab 6 Comparative Anatomy II: Evolution of Bipedalism |
| 9 Oct 29-Nov 2 | a. Primate Evolution b. The Hominins Readings: Chapters 6 and 7 | Lab 7: Hominid Evolution I |
| 10 Nov 5-9 | Plio-Pleistocene Hominins Readings: Chapter 8 | Lab 8: Hominid Evolution II |
| 11 Nov 12-16 | Modern Human Origins Readings: Chapter 9 | Lab 9: Osteometrics |
| 12 Nov 19-23 | Human Biological Diversity Readings: Chapter 10 + 11 Dettwyler: 10 | Lab 10 Anthropometrics |
| 13 Nov 26-30 | Biomedical Anthropology Readings: Chapter 11 Dettwyler: 4, 6, 9, 12 | LAB QUIZ 2 |
| 14 Dec 3-7 | Applications of Human Osteology and Skeletal Biology | No lab Open class if you have questions about Exam 2 |

