



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

**ANTH 260-001  
Physical Anthropology  
FALL 2006**

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## **COURSE OUTLINE**

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### **1. Instructor Information**

- (a) Instructor: Brenda Clark M.A.
- (b) Office Hours: Tuesday & Thursday 11:30-12:20 or by appointment
- (c) Location: Young 212A
- (d) Phone: 370-3375                      Alternative Phone:
- (e) Email: [clark@camosun.bc.ca](mailto: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. Course Content and Schedule

#### 5. 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
- (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 24  
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.

#### 6. Grading System Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
95-100	A+		9
90-94	A		8
85-89	A-		7
80-84	B+		6
75-79	B		5
70-74	B-		4
65-69	C+		3
60-64	C		2
50-59	D		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 at [camosun.ca](http://camosun.ca) or 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 are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
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](http://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.

<b>WEEK</b>	<b>LECTURE</b>	<b>LAB</b>
1 Sept 4-8	Class registration and course outline.	No lab
2 Sept 11-15	a. The Anthropological Perspective b. Development of Evolutionary Theory <b>Readings: Introduction and Chapter 1</b>	Lab 1 Human Osteology I
3 Sept 18-22	Heredity: Individuals and Families	Lab 2 Human Osteology II
4 Sept 25-29	a. Basics of Human Biology b. Human Growth and Development	Lab 3 Human Variation I: Sex and Age
5 Oct 2-6	The Primates	Lab 4 Comparative Anatomy I: Diet and Locomotion
6 Oct 9-13	Primate Social Behaviour <b>Video:</b> Hanuman Langurs, Monkeys of India	_____
7 Oct 16-20	Modern Evolutionary Theory	_____
8 Oct 23-27		_____
9 Oct 30-Nov 3	a. Primate Evolution b. The Hominins	Lab 7: Hominid Evolution I
10 Nov 6-10	Plio-Pleistocene Hominins	Lab 8: Hominid Evolution II
11 Nov 13-17	Modern Human Origins	Lab 9: Osteometrics
12 Nov 20-24	Human Biological Diversity	_____
13 Nov 27-Dec 1	Human Biology in Contemporary Context: the biocultural approach	<b>LAB QUIZ 2</b>
14 Dec 4-8	Human Biology in Contemporary Context: the biocultural approach	Open class for questions about Exam 2