



School of Arts & Science
SOCIAL SCIENCES DEPARTMENT

ANTH 260-001
Human Evolution and Diversity
Fall 2008

COURSE OUTLINE

1. Instructor Information

(a)	Instructor:	Brenda Clark, M.A.		
(b)	Office Hours:	Tuesday 11:00-12:00; Wed 5:00-6:00; Friday 12:00-2:00		
(c)	Location:	Young 212A		
(d)	Phone:	370-3375		
(e)	Email:	clark@camosun.bc.ca		
(f)	Website:	http://www.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

- (a) 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.

- (b) Other: *Lab Manual for Human Evolution and Diversity* available in the Camosun College Bookstore.

4. Basis of Student Assessment

- (a) **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 22.
Exam 2: written during the College's formal exam period.

Please note: students must be available during the College's formal exam period at the end of term. Do not leave town before confirming your exam dates.

- (b) **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 class 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.

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 note is required in order to write a make-up exam or quiz. 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 or quizzes.

Please note: My classroom and the lab are technology free zones, that is, no cell phones, no laptops, no ipods nor other such personal devices are to be used during class.

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. <i>(For these courses a final grade will be assigned to either the 3^d course attempt or at the point of course completion.)</i>
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.

6. Course Content and Schedule

WEEK	Lecture Topic and Readings	Lab Schedule
Sept 2-5	Class registration and course outline Lecture: The Anthropological Perspective	No Lab
Sept 8-12	1. The anthropological perspective and <i>Dancing Skeletons</i> <u>Readings:</u> Dettwyler 1, 3, 5, 7, 8, 11 2. Introduction to Evolutionary Theory <u>Readings:</u> Fuentes Intro and Ch.1	Lab 1 Human Osteology 1
Sept 15-19	Heredity: Individuals and Families <u>Readings:</u> Fuentes Ch.2; Dettwyler 2, 8, 13	Lab 2 Human Osteology 2
Sept 22-26	The Human Life Cycle <u>Readings:</u> Fuentes Ch.3	Lab 3 Comparative Osteology
Sept 29-Oct 3	The Primates <u>Readings:</u> Fuentes Ch.5	Lab 4 Living Primates
Oct 6-10	Primatology: comparative social behaviour <u>Readings:</u> Fuentes Ch.5	Lab 5 Age and Sex Determination
Oct 13-17	Modern Evolutionary Theory <u>Readings:</u> Fuentes Ch.4	Lab Quiz 1
Oct 20-24	Exam 1	Lab 6 Bipedal Anatomy
Oct 27-31	1. Primate Evolution 2. Introduction to the Hominins: the <i>Australopithecus</i> radiation <u>Readings:</u> Fuentes Ch.6, 7	Lab 7 Hominin Evolution 1
Nov 3-7	Plio-Pleistocene Hominins: Rise of the genus <i>Homo</i> <u>Readings:</u> Fuentes Ch 8	Lab 8 Hominin Evolution 2
Nov 10-14	Remembrance Day; College closed	Lab 9 Osteometrics
Nov 17-21	1. Origin of Modern Humans 2. Evolution of the Brain and Language <u>Readings:</u> Fuentes Ch.9	Lab 10 Palaeopathology
Nov 24-28	Human Biological Diversity <u>Readings:</u> Fuentes Ch.10, 11	Lab Quiz 2
Dec 1-5	Biomedical Anthropology <u>Readings:</u> Fuentes Ch. 11 Dettwyler: 4, 6, 9, 12	No lab

7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

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.