

	<p><i>School of Arts &amp; Science</i>  <b>SOCIAL SCIENCES DEPARTMENT</b></p> <p><b>ANTH 260-001</b>  <b>Human Evolution and Diversity</b>  <b>Fall 2012</b></p>
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## COURSE OUTLINE

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### 1. Instructor Information

(a)	Instructor:	Brenda Clark, M.A.
(b)	Office Hours:	Monday and Tuesday 11:30-12:30 or by appointment
(c)	Location:	Young 212A
(d)	Phone:	370-3375
(e)	Email:	clark@camosun.bc.ca
(f)	D2L Website	

### 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: Keenleyside, Anne and Richard Lazenby (2011) *A Human Voyage: Exploring Biological Anthropology*. Toronto: Nelson Education, Ltd.
- (b) Lab Manual: *Lab Manual for Anth 260 Human Evolution and Diversity* available in the Camosun College Bookstore.
- (c) Articles: see “Readings” in course schedule. Links are provided on D2L

#### 4. Basis of Student Assessment

- (a) **Quiz:** There is one quiz on evolutionary theory (Weeks 2 and 3) worth 10% of your grade. See class schedule for the date.
- (b) **Exams:** There will be 2 exams for a total of 60% of your final grade.  
Exam 1: written in class, see course outline for date  
Exam 2: written during the College's formal exam period.  
Exams are not cumulative.

*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 mark of your total class mark)
  - 2 lab quizzes worth 10 marks each of your total class mark
  - You must pass the lab component in order to pass the course.

**LAB ATTENDANCE IS MANDATORY.** 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. There will be 2 set periods only for make-up labs and extra study for quizzes: days and times to be announced.

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.

#### 5. Grading System

##### Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+	Exceptional; exceeds highest expectations for the assignment or course	9
85-89	A	Outstanding; meets highest standards for the assignment or course	8
80-84	A-	Excellent; meets very high standards for the assignment or course	7
77-79	B+	Very good; meets high standards for the assignment or course	6
73-76	B	Good; meets most standards for the assignment or course	5
70-72	B-	Solid; shows some reasonable command of material	4
65-69	C+	Acceptable; meets basic standards for the assignment or course	3
60-64	C	Acceptable; meets some of the basic standards for the assignment or course	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](http://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 <sup>rd</sup> 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.

### 6. 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](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.

## 7. Class sequence

WEEK	Lecture and Readings Monday	Lab Schedule Wednesday
1 Sept 3-7	<b>Labour Day. College closed</b>	Class registration and course outline. Intro to Biological Anthropology
2 Sept 10-14	Science and Evolutionary Theory Anthropology and DNA <u>Readings:</u> Ch 2, Ch 3; <i>For Sale: Iceland's Genetic History; Where'd you go with my DNA?"</i> <u>Discussion:</u> Ethics of Genetic Research	Genetics 1: Heredity
3 Sept 17-21	Forces of Evolution Epigenetics <u>Readings:</u> Ch 4; <i>In Saguenay, a family takes on a disease that haunts the region; People Still Evolving.</i> <u>Discussion:</u> Evolution in Contemporary Human Populations	Genetics 2: Evolution
4 Sept 24-28	<b>Quiz on Evolutionary Theory</b> The Order Primates <u>Readings:</u> Ch 5	Human Osteology 1
5 Oct 1-5	Primate Behaviour <u>Readings:</u> Ch 6 <u>Discussion:</u> Human Rights and the Great Apes	Human Osteology 2
6 Oct 8-12	<b>Thanksgiving. College closed.</b>	Age and Sex Estimation from the skeleton
7 Oct 15-19	Palaeoanthropology and Primate Evolution <u>Readings:</u> Ch 7	<b>LAB QUIZ 1</b>
8 Oct 22-26	What is a Hominin? Hominin Origins <u>Readings:</u> Ch. 8 and 9	Comparative Primate Anatomy
9 Oct 29- Nov 2	<b>EXAM 1 (covers weeks 4 -7)</b>	Living Primates: Primate Classification and Behaviour
10 Nov 5-9	The Genus <i>Homo</i> <u>Readings:</u> Ch 10	Human Evolution 1
11 Nov 12-16	<b>Remembrance Day holiday. College closed.</b>	Human Evolution 2
12 Nov 19-23	Neanderthals and Modern Humans: close encounters in the late Pleistocene <u>Readings:</u> Ch 11 and 12 <u>Discussion:</u> What is human?	Modern Human Variation
13 Nov 26-30	Modern Human Diversity <u>Readings:</u> Ch 13 <u>Discussion:</u> Teaching human diversity.	<b>LAB QUIZ 2</b>
14 Dec 3-7	Biology of Past and Present Populations <u>Readings:</u> Ch 14, Ch 15, Ch 16 - Children and Canaries, pp363-367	