

	<p><i>School of Arts & Science</i> SOCIAL SCIENCES DEPARTMENT</p> <p>ANTH 260-001 Human Evolution and Diversity Fall 2015</p>
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COURSE OUTLINE

1. Instructor Information

(a)	Instructor:	Katie Waterhouse
(b)	Office Hours:	Tuesday 12:30-13:30, Friday 12:30-14.00
(c)	Location:	Y207
(d)	Phone:	250-370-3368
(e)	Email:	waterhousek@camosun.ca
(f)	D2L Website	D2L

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 (2015) *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.

4. Basis of Student Assessment

Evaluation	Value	Due Date
In the News critique	10%	Throughout semester
Lab assignments	10%	Throughout semester
Mid term exam	20%	Oct 20 th
Lab quiz 1, lab quiz 2	10%, 10%	Nov 6 th Dec 11 th
In Class Compare and Contrast	5%	Nov 10 th
Article summaries	15%	Nov 24 th , Dec 1 st
Final Exam	20%	TBA

(a) In the News critique (10%)

This assignment has two parts; in part one you will give a short, maximum 5 minute, presentation on a popular media news article related to biological anthropology that has been published within the last year. For part two you will complete a short, 200-400 word, written evaluation of how the material has been presented for the popular media. Sign up for your preferred presentation date on D2L and your written critique is due one week after you present. More information is given on D2L.

(b) Article summaries (15%)

For this assignment you must find two scholarly journal articles with differing perspectives on a topic of debate in biological anthropology. Your article choices must be submitted to me (via D2L) for approval. If you do not submit your articles for approval by the deadline (Nov 24th) the maximum mark you can get for this assignment will be 10%.

Once your articles have been approved you must write a detailed article summary or annotated bibliography for each article (likely no more than 2 pages, double spaced per article) and then select which article you agree with more and write a short paragraph explaining the reasons for your choice.

More information is given on D2L.

(c) In class Compare and Contrast (5%)

For this assignment you will be given the crania or skulls of two fossil hominids or modern humans to compare and contrast. You must compare and contrast the anatomical features of the crania/skulls and speculate on potential reasons for these differences. This exercise will be handed in at the end of class on Nov 10th. Attendance in this class is **MANDATORY**.

(d) Labs assignments and lab quizzes (30%)

The laboratory part of Anthropology 260 is worth 30% of your final grade and consists of:

- 10 labs, each worth 1% of your final grade, totaling 10%
- 2 lab quizzes, each worth 10% of your final grade, totaling 20%

You must attempt and pass both lab quizzes and you must pass the lab assignments in order to pass the course!

(e) Exams (40%)

There are two lecture exams in this course; a midterm to be written on Oct 20th and a final exam written in the formal exam period. These 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.

5. Classroom Policies

(a) Contacting the Instructor

I can be contacted via email, D2L or in person during office hours. All emails should contain "ANTHR 260" in the subject line and be sent from your Camosun account. I highly encourage all students to use the course forum available on D2L to ask course content type questions. Asking non-personal questions on the forum allows the whole class to benefit from the answer and I will answer all relevant questions posted on the forum BEFORE I respond to emails. Fellow students are also welcome to answer posted questions. **All forum postings must be relevant to class and respectful of all your classmates. Inappropriate use of the forum will not be tolerated.**

(b) Attendance

Lecture: you are expected to attend lectures, as material covered in lecture will be included in the exams, and will augment and supplement the material in the readings. As well, announcements regarding course content and exams will be made in class. I will not provide my personal notes to students who miss class. Attendance in class on Nov 10th is MANDATORY for the in class assignment.

Labs: 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. If you are going to miss a lab and want to catch up on the material you must let me know before class. I often dismantle the lab materials after class and need to know if I must keep the lab available. You must catch up on the lab material within one week.

(c) Missing/Deferring a Lab Quiz, Class based assignment or Exam

Failure to attend a midterm, lab quiz or class based assignment will result in a mark of zero, unless I have been informed within 2 working days and an excused absence has been granted. 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. Rescheduling a quiz or assignment following an excused absence will be done at the mutual convenience of the student and instructor.

(d) Late Assignments

Unexcused late assignments will result in mark deductions of 5% per day and no feedback will be given. Failure to turn in an assignment will result in a mark of zero. Assignments more than 2 weeks late will not be accepted. If you are unable to hand-in an assignment on the appropriate day you must make alternate arrangements with me well in advance of the deadline. No assignments will be accepted after the last day of classes without clear documentation of extenuating circumstances and prior consent.

(e) Classroom Environment

While some students may be more comfortable using laptops to take notes, keep in mind that electronic devices are often disruptive to other students. Please mute your speakers and turn off your cell phone or smart phone. If you must use your telephone please step outside the classroom.

Please refrain from using instant messaging, online or video games, Facebook, or using other non-academic programs. Keep in mind that your laptop screen is visible to people sitting behind you, and by engaging in these activities you are not only distracting other students but endangering your own and your friends' privacy. If a student is found to be engaging in these activities during class and disrupting other students, their laptop or smart phone may be confiscated and returned at the end of class.

Discussion and questions in this class are welcome and encouraged, but all discussion participants will be expected to treat others with respect, even if different opinions arise about issues. Anyone acting in a way that is disrespectful to others will be asked to leave the class.

6. 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 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 3rd 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.

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

(a) 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

(b) 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.

8. Class sequence

Week	Lecture Topic Tuesday	Readings	Lab Schedule Friday
1 Sept 8, 11	Introduction to the course Introduction to Biological Anthropology	Ch. 1	No lab
2 Sept 15, 18	Evolutionary theory and inheritance	Ch. 2 and 3	Lab 1 Genetics 1
3 Sept 22, 25	Population evolution	Ch. 4	Lab 2 Genetics 2
4 Sept 29, Oct 2	Biological anthropology and living populations	Ch. 14 316-337 Ch. 15 348-357	Lab 10 Modern human variation
5 Oct 6, 9	Biological anthropology and race	Ch. 13	Lab 3 Human osteology 1
6 Oct 13, 16	Biological anthropology and past populations Review	Ch. 14 337-345 Ch. 15 360-367	Lab 4 Human osteology 2
7 Oct 20, 23	Exam 1		Lab 5 Age estimation of the skeleton
8 Oct 27, 30	Primates 1	Ch. 5	Lab 9 Palaeopathology
9 Nov 3, 6	Primates 2	Ch. 6	Lab Quiz 1
10 Nov 10, 13	Palaeoanthropology In Class Compare and Contrast Activity	Ch. 7 140-151, 163	Lab 6 Comparative primate anatomy
11 Nov 17, 20	Early hominid origins	Ch. 8 and 9	Lab 7 Human evolution 1
12 Nov 24, 27	Early Homo Article selection due	Ch. 10	Lab 8 Human evolution 2
13 Dec 1, 4	Neanderthals and anatomically modern humans Article summaries due	Ch. 11 and 12	Lab 8 Human evolution 2
14 Dec 8, 11	The last 10 000 years Review		Lab quiz 2