



School of Arts & Science
SOCIAL SCIENCES DEPARTMENT
ANTH 260-001
Human Evolution and Diversity
Fall 2017

COURSE OUTLINE

1. Instructor Information

- (a) Instructor: Katie Waterhouse
- (b) Office Hours: M 9.30-10.30, Tu 2.30-3.30, Th 10.00-11.00
- (c) Location: Y207
- (d) Email: waterhousek@camosun.ca
- (e) 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. Materials

- (a) **Required:** *Lab Manual for Anth 260 Human Evolution and Diversity* available in the Camosun College Bookstore.
- (b) **Recommended:** Keenleyside, Anne and Richard Lazenby (2015) *A Human Voyage: Exploring Biological Anthropology*. Toronto: Nelson Education, Ltd.

4. Class sequence

Week	Lecture Topic Monday	Chapter references	Lab Schedule Wednesday	Due Dates
Sept 4 th , 6 th	NO CLASS- Labour day	Ch. 1	Introduction to the course Introduction to Biological Anthropology	
Sept 11 th , 13 th	Evolutionary theory and inheritance	Ch. 2 and 3	Lab 1: Anthropometry	Reading Reflection 1
Sept 18 th , 20 th	Population evolution.	Ch. 4	Lab 2: Genetics: Evolution	Reading Reflection 2
Sept 25 th , 27 th	Primates 1	Ch. 5	Lab 8: Comparative primate anatomy	Reading Reflection 3
Oct 2 nd , 4 th	Primates 2 Yes/No Assignment discussion	Ch. 6	Lab 4: Human osteology 1	Reading Reflection 4 Yes/No assignment part 1
Oct 9 th , 11 th	NO CLASS- Thanksgiving		Lab 5: Human osteology 2	Yes/No assignment part 2
Oct 16 th , 18 th	Palaeoanthropology Review	Ch. 7 140-151, 163	Lab 6: Estimating age from the skeleton	Reading Reflection 5
Oct 23 rd , 25 th	MidTerm		Lab 7: Paleopathology	MidTerm Exam
Oct 30 th , Nov 1 st	Early hominid origins	Ch. 8 and 9	Lab Exam	Lab Exam Reading Reflection 6
Nov 6 th , 8 th	Early Homo	Ch. 10	Lab 9: Human evolution 1	Reading Reflection 7
Nov 13 th , 15 th	NO CLASS- Remembrance day in lieu		Lab 10: Human evolution 2	
Nov 20 th , 22 nd	Neanderthals and anatomically modern humans	Ch. 11 and 12	Lab 10: Human evolution 2	Reading Reflection 8
Nov 27 th , 29 th	Modern human biological variation	Ch. 13, 14 and 15	Mystery fossil data collection	Reading Reflection 9
Dec 4 th , 6 th	Biological anthropology and past populations Review	Ch. 14 337-345 Ch. 15 360-367	Mystery fossil write up time	Mystery fossil assignment

5. Basis of Student Assessment

Evaluation	Value	Due Date
Reading reflections	5%	Throughout semester
Lab assignments	10%	Weekly throughout semester
Yes/No Assignment	10%	Oct 11 th
MidTerm Exam	25%	Oct 23 rd
Lab Exam	10%	Nov 1 st
Mystery Fossil Assignment	15%	Dec 6 th
Final Exam	25%	TBA

(a) Reading reflections (5%)

There are 9 assigned readings for the course which link with lecture content. You are required to complete these readings weekly and submit a short response on D2L.

(b) Labs assignments and lab quizzes (20%)

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

- 9 labs, each worth 1 or 2% (Lab 10) of your final grade, totaling 10%
- 1 lab quiz worth 10% of your final grade

You must attempt the lab quiz and pass the lab assignment/quiz component of the course to pass the course.

(c) Yes/No Assignment (10%)

You will be assigned a debate style topic on D2L for which you will research one perspective. Working in pairs you will then design an academic style poster arguing for or against the topic. Time will be set aside in class on Oct 2nd for some group work. More information on D2L

(d) Mystery Fossils Assignment (15%)

You will be required to identify an unknown fossil cast and write a discovery style article documenting your find. One lab period will be set aside for data collection from your cast. Data collection will be done in groups but articles will be written individually. More information on D2L.

(e) Exams (50%)

There are two lecture exams in this course; a midterm during the semester 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.

6. 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.

(b) Contacting you

I will send out course information and updates via D2L. Please ensure you check your D2L mail frequently or have it forwarded to your home email.

(c) 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 Oct 2nd 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.

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

Failure to attend a midterm, lab quiz or mystery fossil data collection 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 or assignment 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.

(e) Late Assignments

Unexcused late assignments will result in mark deductions of 10% 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.

(f) 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.

7. 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. (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.

8. 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.