



**CAMOSUN COLLEGE**  
**School of Arts & Science**  
**Department of Social Sciences**

**ANTH-260-001**  
**Human Evolution and Diversity**  
**Fall 2018**

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## **COURSE OUTLINE**

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The course description is online @ <http://camosun.ca/learn/calendar/current/web/anth.html>

Ω Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.

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### **1. Instructor Information**

<b>(a) Instructor</b>	Kathryn Waterhouse
<b>(b) Office hours</b>	Tu 1.30-2.30, W 10-11, Th 10-11, F 1.30-2.30
<b>(c) Location</b>	Y207
<b>(d) E-mail</b>	waterhousek@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**

Standford, Allen and Anton (2017) Exploring Biological Anthropology: The Essentials  
You can choose from a number of different formats. See more information on D2L

- REVEL access card OR
- eBook OR
- Print book

Lab Manual for Anth 260 Human Evolution and Diversity available in the Camosun College Bookstore.

#### 4. Course Content and Schedule

	Lecture	Readings	Lab
Sept 3-7	Intro to course Intro to biological anth		Introduction to the lab
Sept 10-14	Evolutionary theory and inheritance		Lab 1 Anthropometry
Sept 17-21	Population evolution		Lab 2: Genetics: Evolution
Sept 24-28	Modern biological diversity		Lab 3: Modern human variation
Oct 1-5	Biological anth and past populations		Lab 4: Human osteology 1
Oct 8-12	<b>MidTerm</b>		Lab 5: Human osteology 2
Oct 15-19	<b>Great myths presentations</b>		Lab 6: Paleopathology <b>Human osteology quiz (D2L)</b>
Oct 22-26	Primates		Lab 7: Primate anatomy
Oct 29-2	Primates		<b>Skele skills</b>
Nov 5-8	Paleoanthropology		Lab 8: Identifying human ancestors
Nov 12-16	Early hominid origins		Lab 9: Earlier hominids
Nov 19-23	Early homo		Lab 10: Latter hominids
Nov 26-30	Neadertals and anatomically moderns		<b>Mystery fossil data collection</b>
Dec 3-7	Applied biological anthropology		<b>Mystery fossil write up</b>

#### 5. Basis of Student Assessment (Weighting)

Evaluation	Value	Due Date
Labs	8%	Throughout the semester
Reading reflections/quizzes	5%	Throughout the semester
Great myths presentation	10%	Oct 3 <sup>rd</sup> , 10 <sup>th</sup>
Human osteology quiz	2%	Oct 19 <sup>th</sup>
Skeleton Skills	10%	Oct 26 <sup>th</sup>
Mystery fossil assignment	15%	Nov 30 <sup>th</sup> , Dec 7 <sup>th</sup>
Midterm	20%	Oct 17 <sup>th</sup>
Final	30%	TBA

##### (a) Labs assignments (8%)

There are 8 lab assignments, each worth 1%, to be completed in the weekly lab periods. Each lab requires pre-reading and most exercises will be completed during class time.

##### (b) Reading reflections (5%)

There are assigned weekly readings from the textbook which require a response. You can respond via quizzes on REVEL or via D2L. More information on D2L.

##### (c) Great Myths Presentations (10%)

For this assignment you will work in pairs and present on great myth of biological anthropology. More information on D2L.

##### (d) Human osteology quiz (2%)

This quiz will be completed on D2L and can be attempted at many times as you choose before the due date. Your highest grade will count towards your final course mark.

##### (e) Skeleton skills (10%)

For this assignment you will be working in groups to develop a demonstrative display to teach the general public a method of skeletal analysis. Your display will be accompanied by a short write up on the method. More information on D2L.

##### (f) 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.

**(g) 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 and contacting students**

I can be contacted via email, D2L or in person during office hours. All emails should contain "ANTH 260" in the subject line. I will contact you for announcements, class changes or cancellations through D2L. I highly encourage you to set up mail forwarding from D2L to your personal email or make sure that you check your D2L messages frequently.

**(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. If you miss a lecture you should consult another student to find out what you missed.

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. I will offer two make up labs for excused absences.

**(c) Missing/Deferring a Lab test, exercise or Exam**

Failure to attend a midterm or lab test/ assignment will result in a mark of zero, unless I have been informed within two 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 but not for lab assignments. 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**

Lab assignments must be completed in the available lab time and will not be accepted late without previous arrangements. The debates, skeleton skills and mystery fossil assignments will not be accepted late.

**(e) Group/team work**

This course involves some group/team work. Team members are expected to work together with each team member contributing equally to the final project. Note that equally does not mean identically but it does mean that each person's contribution is important to the outcome and that everyone has 'pulled their weight' during the project.

**(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 device may be confiscated and returned at the end of class.

Discussion and questions in this class are welcome and encouraged, but all discussion participants are 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)

Percent age	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. <i>(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.)</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.

## 8. Recommended Materials 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](http://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.

## 9. College Supports, Services and Policies

### (a) Immediate, Urgent, or Emergency Support

If you or someone you know requires immediate, urgent, or emergency support (e.g. illness, injury, thoughts of suicide, sexual assault, etc.), **SEEK HELP**. Resource contacts @ <http://camosun.ca/about/mental-health/emergency.html> or <http://camosun.ca/services/sexual-violence/get-support.html#urgent>

### (b) College Services

Camosun offers a variety of health and academic support services, including counselling, dental, disability resource centre, help centre, learning skills, sexual violence support & education, library, and writing centre. For more information on each of these services, visit the Student Services link on the College website at <http://camosun.ca/>

### (c) College Policies

Camosun strives to provide clear, transparent, and easily accessible policies that exemplify the college's commitment to life-changing learning. It is the student's responsibility to become familiar with the content of College policies. Policies are available on the College website at <http://camosun.ca/about/policies/>. Education and academic policies include, but are not limited to, Academic Progress, Admission, Course Withdrawals, Standards for Awarding Credentials, Involuntary Health and Safety Leave of Absence, Prior Learning Assessment, Medical/Compassionate Withdrawal, Sexual Violence and Misconduct, Student Ancillary Fees, Student Appeals, Student Conduct, and Student Penalties and Fines.

