



CAMOSUN COLLEGE
School of Arts & Science
Department of Social Sciences

ANTH-260-001A/B
Human Evolution and Diversity
Fall 2019

COURSE OUTLINE

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.

1. Instructor Information

(a) Instructor	Dr. Stephanie Calce
(b) Office hours	Wednesdays 12-1pm, or by appointment
(c) Location	TBA
(d) Phone	TBA
(e) E-mail	CalceS@camosun.bc.ca
(f) Website	D2L (ANTH-260-001) Human Evolution and Diversity

2. Intended Learning Outcomes

Upon completion of this course a 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
A Human Voyage: Exploring Biological Anthropology, 2nd Edition. Keenleyside A, Lazenby R. 2015

(b) Other

4. Course Content and Schedule

Week	Lecture Topic Wednesday	Readings	Lab Schedule Friday	Quizzes (D2L)	Important Dates/Notes
1- Sep 4	Introduction to Biological Anthropology	Chapter 1	Lab Introduction	---	
2- Sep 11	Classification of Living Things	Chapter 2, 3	Classification & Phylogeny	Quiz 1 (chp 1, 2)	Sep 13 last day to withdraw from course with 100% reduction of fee
3- Sep 18	Mechanisms of Evolution	Chapter 4	Forces of Evolution	Quiz 2 (chp 3, 4)	
4- Sep 25	Primate Behavioural Ecology	Chapter 5, 6	Primate Behaviour	Quiz 3 (chp 5, 6)	
5- Oct 2	Primate Evolution & Comparative Anatomy	Chapter 7	Comparative Anatomy	Quiz 4 (chp 7)	
6- Oct 9	Evolution of Big Brains & Bipedalism	Chapter 8	Bipedalism I	---	
7- Oct 16	Not-quite hominins: The Australopiths	Chapter 9	Bipedalism II	Quiz 5 (chp 8, 9)	
8- Oct 23	<i>Midterm Review</i>	----	MIDTERM (In class)	---	Lecture content Sep 5-Oct 16 & chapter 1-9
9- Oct 30	The Genus <i>Homo</i>	Chapter 10	Hominin Trends	Quiz 6 (chp 10)	
10- Nov 6	Neanderthals	Chapter 11	Homo naledi	Quiz 7 (chp 11)	Nov 6 last day to withdraw from course without a failing grade
11- Nov 13	Anatomically Modern Humans & Culture in the Archaeological Record	Chapter 12	Modern Human Behaviour	Quiz 8 (chp 12)	
12- Nov 20	Modern Human Diversity & Debunking the Race Concept	Chapter 13	Human Osteology	Quiz 9 (chp 13)	
13- Nov 27	Health & Disease in the Past	Chapter 14,15	Modern Human Variation	Quiz 10 (chp 14)	
14- Dec 4	Applied Biological Anthropology	Chapter 16	<i>Final Exam Review</i>	---	Lecture content Oct 23-Nov 27 & chapter 10-16
Dec 9-22	Exam Period: Please note, I do not know when our exam will be scheduled within this period. It is not something that I have control over. You must check the exam schedule independently for this. Please do not make any travel plans until you know the exam date. See my policy on missed exams.				

5. Basis of Student Assessment (Weighting)

(a) Lab assignments (35%)

There are 10 lab assignments, each worth 3.5% to be completed in the weekly lab periods. Each lab requires pre-reading and most exercises will be completed during class time. **Come prepared for each lab by printing the handouts available on D2L.** *Note: the instructor will not be able to photocopy additional lab handouts on the day of classes.* You will work together to use a hands-on approach to problem solving and provide critical analyses of the material. You will apply knowledge gained from the lecture and readings and will be encouraged to think critically.

(b) Quizzes (15%)

Quizzes will be made available on D2L on Wednesdays at 5pm (as per the course outline) and are worth 1.5% (each) towards your final grade. Be aware that the **quiz is due by 11:59pm on Sundays and extensions will not be granted.** All 10 quizzes must be completed online; there will be no paper copies provided. The quiz mark is based on the average of your overall quiz performance. This means that if you miss a quiz, your mark will be negatively affected. Plan accordingly and do not leave the quiz until the last minute. You may attempt each quiz twice, the average of both attempts will be recorded. You can and should consult your textbooks when answering the quiz questions, which is where the material for the quizzes will be drawn from; THESE ARE OPEN BOOK QUIZZES Quizzes are timed and you only get one chance at each question. Best practice for approaching the quiz is as follows: read the relevant textbook chapter(s); take notes on key ideas and record page numbers; keep your notebook and your textbook next to you; begin the quiz and consult your notes/books as needed.

(c) 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. Grading System

Standard Grading System (GPA)

Competency Based Grading System

7. 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

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. College Supports, Services and Policies



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>

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/>

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.

A. GRADING SYSTEMS <http://camosun.ca/about/policies/index.html>

The following two grading systems are used at Camosun College:

1. 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		1
0-49	F	Minimum level has not been achieved.	0

2. Competency Based Grading System (Non GPA)

This grading system is based on satisfactory acquisition of defined skills or successful completion of the course learning outcomes

Grade	Description
COM	The student has met the goals, criteria, or competencies established for this course, practicum or field placement.

DST	The student has met and exceeded, above and beyond expectation, the goals, criteria, or competencies established for this course, practicum or field placement.
NC	The student has not met the goals, criteria or competencies established for this course, practicum or field placement.

B. 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 at <http://camosun.ca/about/policies/index.html> 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 are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
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.