

APPLIED ARTS DIVISION
School of Liberal Arts
Fall Semester, 2018



COURSE OUTLINE

ANTHROPOLOGY 101

INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY

**45 HOURS
3 CREDITS**

PREPARED BY: Norman Alexander Easton, Instructor

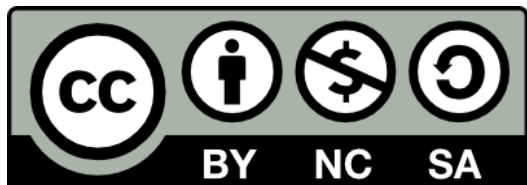
DATE: June 29, 2018

APPROVED BY: Andrew Richardson, Dean Applied Arts

DATE: July 9, 2018

APPROVED BY ACADEMIC COUNCIL: Click or tap to enter a date

RENEWED BY ACADEMIC COUNCIL: Click or tap to enter a date



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The Course Outline Template is approved by the Academic Council on June 20, 2018

INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY

INSTRUCTOR: Norman Alexander Easton, M.A.	OFFICE HOURS: Mon 2:30-4:00 Tu 10:30-Noon or by apt
OFFICE LOCATION: A2410/A2801	CLASSROOM: A2801
E-MAIL: neaston@yukoncollege.yk.ca	TIME: 9:00-10:30
TELEPHONE: Office: 668-8770; Home: 393-8012	DATES: Tues/Thurs Lab: Thurs 10:30-Noon A2801

COURSE DESCRIPTION

This course provides a broad review of the principles and facts of human evolution and adaptations.

The first half of the course examines the biological principles of evolutionary theory, population genetics, human variation and our taxonomic relationship with and sociality of the other extant primates. The second half of the course will focus on the evidence for the evolution of primates, hominids, and hominins in the existing fossil record, the migration of the Genus Homo throughout the globe, and the biological effects on our species of cultural/technological change since the advent of agriculture. A term paper will allow students to explore a topic in the discipline in more detail while Laboratory exercises will develop students' technical skills in the application of theory to practical problems.

PREREQUISITES

Admission to Liberal Arts.

RELATED COURSE REQUIREMENTS

Mandatory laboratory exercises throughout the course.

EQUIVALENCY OR TRANSFERABILITY

UBC Anth 140 (3)	SFU Arch 131 (3)
UVIC Anth 100L (1.5)	UAF Anth 103 (3)
UAS Elec. (3)	UR Anth 250 (3)
TRU Anth 1110 (3)	TWU Anth 100L (3)
CAMO Anth 100L (3)	AU Anth 278 (3)
UNBC Anth 1XX (3);	

Yukon College Anth 101/103 = UNBC 102 (3) and Anth 1XX (3)

LEARNING OUTCOMES

Upon successful completion of the course, students will be able to

1. Understand the philosophy and methods of the scientific exploration of our evolutionary history through time.
2. Understand the biological mechanisms of inheritance, adaptations, and evolutionary change.
3. Understand the principles of systematics, taxonomy, and our primate heritage.
4. Have a broad understanding of the evidence for and theories of explanation of the evolutionary history of the Genus Homo.
5. Gain proficiency in basic laboratory methods related to the treatment, measurement, identification, and analysis of skeletal remains.

COURSE FORMAT

Classes will consist of lectures and discussions on the current week's topic and weekly laboratory lectures and assignments.

ASSESSMENTS:

Attendance & Participation

Regular attendance will be graded out of 10 marks; informed participation in class discussions will be worth up to 20 marks.

Assignments

Laboratory Assignments

Students will undertake 10 laboratory assignments consisting of an introductory lecture and instruction in methods followed by a practical application to a set of questions provided in the course lab manual and workbook. Completion of the labs will generally require additional effort outside of the scheduled lab time. Scores on each lab will be prorated at the equivalent of 10 course marks.

Term Paper

Choosing from a list of options provided by the Instructor, Students will prepare a term paper which explores a topic in bioanthropology in further detail, appropriately referencing a minimum of 6 peer reviewed scientific papers or texts on the topic.

Tests

Final Exam

A comprehensive final examination will be written during the examination period at the end of term. Multiple Choice, True/False, and Short Answer Questions will be drawn from the Course Textbook website quiz bank, allowing students to focus their study in advance. A preview of the required and alternative essay responses will be provided to students prior to the examination.

EVALUATION:

Laboratory Assignments (10 x 10 marks)	33%
Term Paper (50 marks)	17%
Participation (30 marks)	10%
Final Exam (100 marks)	33%
Total	100%

REQUIRED TEXTBOOKS AND MATERIALS

Larson, Clark Spencer. *Our Origins - Discovering Physical Anthropology*. Fourth Edition. Norton

ACADEMIC AND STUDENT CONDUCT

Information on academic standing and student rights and responsibilities can be found in the current Academic Regulations that are posted on the Student Services/ Admissions & Registration web page.

PLAGIARISM

Plagiarism is a serious academic offence. Plagiarism occurs when a student submits work for credit that includes the words, ideas, or data of others, without citing the source from which the material is taken. Plagiarism can be the deliberate use of a whole piece of work, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Students may use sources which are public domain or licensed under Creative Commons; however, academic documentation standards must still be followed. Except with explicit permission of the instructor, resubmitting work which has previously received credit is also considered plagiarism. Students who plagiarize material for assignments will receive a mark of zero (F) on the assignment and may fail the course. Plagiarism may also result in dismissal from a program of study or the College.

YUKON FIRST NATIONS CORE COMPETENCY

Yukon College recognizes that a greater understanding and awareness of Yukon First Nations history, culture and journey towards self-determination will help to build positive relationships among all Yukon citizens. As a result, to graduate from ANY Yukon College program, you will be required to achieve core competency in knowledge of Yukon First Nations. For details, please see www.yukoncollege.yk.ca/yfnccr.

ACADEMIC ACCOMMODATION

Reasonable accommodations are available for students requiring an academic accommodation to fully participate in this class. These accommodations are available for students with a documented disability, chronic condition or any other grounds specified in section 8.0 of the Yukon College Academic Regulations (available on the Yukon College website). It is the student's responsibility to seek these accommodations. If a student requires an academic accommodation, he/she should contact [the Learning Assistance Centre \(LAC\): lac@yukoncollege.yk.ca](#).

TOPIC OUTLINE

*ANTHROPOLOGY 101 - INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY
COURSE TOPICS WEEK (FALL 2018)*

<u>Week</u>	<u>Topic/Readings</u>
1	What is Physical Anthropology? Chapter 1
2	Evolution - Chapter 2 Choose Paper Topic
3	Genetics - Chapter 3
4	Population Genetics - Chapter 4 Submit Paper Bibliography
5	Human Variation - Chapter 5
6	The Primate Order - Chapter 6 Submit Paper Outline
7	Primate Behaviour - Chapter 7
8	Understanding Fossils - Chapter 8
9	Primate Origins - Chapter 9 First Draft Complete
10	Hominin Origins - Chapter 10
11	Emergence of Genus Homo - Chapter 11
12	Emergence of Modern Humans - Chapter 12 Final Paper Due
13	The Last 10,000 years - Chapter 13