APPLIED ARTS DIVISION
ANTHROPOLOGY 101
3 CREDIT COURSE
FALL, 2015

INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY

INSTRUCTOR: Norman Alexander Easton, MA

OFFICE LOCATION: A2410
A2801

E-MAIL: northeaston@gmail.com

TELEPHONE: Office: 668-8770

OFFICE HOURS: After class

CLASSROOM: Lecture – A2101 / Lab

TIME: Lecture 9:00-10:30 am / Lab 10:30-12

DATES: Lecture T/Th / Lab T

COURSE CALENDAR DESCRIPTION

A general introduction to the field of biological anthropology, its contributions to our understanding of human evolution and behaviour, and its application within forensic science. Students must also register in ANTH 101L, the mandatory lab component of this course.

COURSE DESCRIPTION

This course provides a broad review of the principles and facts of human evolution and adaptations. The first portion of the course examines the biological principles of evolutionary theory and our taxonomic relationship with the primates. The second portion will focus on the evidence for the evolution of humans in the existing fossil record. The latter portion of the course will examine human variation and practical forensic anthropology. Seminars will discuss philosophical and methodological issues within the discipline, while laboratory assignments will develop students' technical skills in the application of theory to practical problems.

PREREQUISITES

None.

EQUIVALENCY OR TRANSFERABILITY

UBC Arcl 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)	TRU-OL ANTH 1xx1 (3)	TWU Anth 100L (3)

CAMO Anth 100L (3)
UNBC Anth 1XX (3);
1XX (3)

AU Anth 278 (3)
Yukon College Anth 101/103 = UNBC 102 (3) and Anth

LEARNING OUTCOMES

With conscientious application, upon completion of this course students will:

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 seminar discussions on the current week's topic and weekly laboratory lectures and assignments.

COURSE REQUIREMENTS/EVALUATION

Attendance and Participation

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

Laboratory Assignments

Students will undertake a weekly laboratory assignment consisting of an introductory lecture and practical instruction in methods followed by a practical application to a set of questions provided in the course lab manual and workbook. Scores on each lab will be prorated at the equivalent of 10 course marks.

Term Seminar Assignments

Taking class size into account, students will work in teams to lead two to three seminar discussions on the topics assigned by the instructor. This will involve presenting a 5 – 10 minute overview of the principle issues presented in an assigned reading and guiding further discussion on the topic with Instructor input.

Final Exam

A comprehensive final examination will be written during the examination period at the end of term. A preview of the examination, including required and alternative essay responses will be provided to students prior to the examination.

Evaluation

Grades for ANTH 101 will be assigned based on the percentile equivalent of student achievement in the following:

Attendance and Participation	30 marks
Laboratory Assignments	120 marks
Seminar Presentation	30 marks
Final Exam	120 marks
Total Marks	300 marks

REQUIRED TEXTBOOKS/MATERIALS

- Steckley, John. Introduction to Physical Anthropology.
- Williams, Frank. Exploring Biological Anthropology – Lab Manual.

Additional supplementary readings on recent discoveries and issues may also be assigned.

ACADEMIC AND STUDENT CONDUCT

Information on academic standing and student rights and responsibilities can be found in the Academic Regulations:
http://www.yukoncollege.yk.ca//downloads/Yukon_College_Academic_Regulations_and_Procedures_-_August_2013_final_v1.pdf

PLAGIARISM

Plagiarism is a serious academic offence. Plagiarism occurs when students present the words of someone else as their own. Plagiarism can be the deliberate use of a whole piece of another person's writing, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material. Whenever the words, research or ideas of others are directly quoted or paraphrased, they must be documented according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Resubmitting a paper 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) at (867) 668-8785 or lassist@yukoncollege.yk.ca.

ANTHROPOLOGY 101- INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY

CLASS SYLLABUS

N. A. Easton, Instructor (Fall 2015)

- Lecture - Seminar Classes: Tuesday and Thursday 10:30 – Noon – Labs: Wednesday 10:30 - Noon

Week	Topic	Readings
1	Introduction to Biological Anthropology	Ch. 1
	Seminar: Ch. 1 Anthropology	Lab 1 (1)
2	Principles of the Scientific Understanding of the Past	Ch. 2
	Seminar: Ch. 2 Science	Lab 2 (4)
3	Principles of Evolution	Ch. 3
	Seminar: Ch. 3 Evolution	Lab 3 (3)
4	Geology, Systematics, and Taxonomy	Ch. 4
	Seminar: Ch. 6 Systematics	Lab 4 (7)
5	Primate Taxonomy and Behaviour	Ch. 5
	Seminar: Ch. 7 Taxonomy	Lab 5 (6)
6	Evolution of the Primate Order	Ch. 5
	Seminar: Ch. 9 Adaptation	Lab 6 (8)
7	Evolution of the *Hominins* Family	Ch. 6
	Seminar: Ch. 10 Paleoanthropology	Lab 7 (10)
8	Evolution of Early *Homo* Genus	Ch. 7
	Seminar: Ch. 11 Early Diversification	Lab 8 (11)
9	Emergence of Modern *Homo sapiens*	Ch. 8
	Seminar: Ch. 8 Primatology	Lab 9 (13)
10	Neandertals	Ch. 9
	Seminar: Ch. 12 Neandertal	Lab 10 (12)
11	Human Migrations, Adaptations, and Variation	Ch. 10 & 11
	Seminar: Ch. 13 Race?	Lab 11 (14)
12	Forensic Anthropology I	Ch 12
	Seminar: Ch. 5 Micro-Evolution	Lab 12 (15)
13	Forensic Anthropology II	Ch. 12

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LAB SYLLABUS

Week	Lab	Text Chapter	Topic
1	Lab 1	(1)	Epistemology and the Scientific Method
2	Lab 2	(4)	Human Osteology
3	Lab 3	(3)	Genetics
4	Lab 4	(7)	Dating Methods and Paleoecology
5	Lab 5	(6)	Primate Classification and Comparative Anatomy
6	Lab 6	(8)	Primate Evolution
7	Lab 7	(10)	Australopithecus
8	Lab 8	(11)	Early Homo and Homo Erectus
9	Lab 9	(13)	Modern Human Origins
10	Lab 10	(12)	Archaic Homo Sapiens
11	Lab 11	(14)	Human Variation
12	Lab 12	(15)	Forensic Anthropology
13	Lab Ketchup and Review