

ANTHROPOLOGY 2EO3

INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY

Fall 2020

Instructor: Dr. Andrew Wade

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Class Times: New materials posted weekly on Monday mornings

Exams held online on October 22 and during the Exam Period

Lab Times: To be determined (see Mosaic for individual lab times)

Office Hours: Email for Zoom video appointment

Office: CNH 515

Classroom: Online

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AODA Information

If you require this information in an alternate/accessible format, please contact Marcia Furtado at 905-525-9140 extension 24423 or email furtam1@mcmaster.ca

Course Description

This course will examine the evolution of humanity from our early hominid ancestors and the ways in which our evolution has diverged from that of our nearest primate relatives. Our focus will be on the lessons that biological anthropology provides us in our quest for a better understanding of our species. We will stress the importance of genetic and epigenetic factors in the collaborative interdisciplinary study of human beings.

Format Description

We will be using a mix of synchronous and asynchronous online formats for this course.

- You will cover the core course material through readings and recorded lectures at your own pace.
- Labs will be delivered live (times to be determined) throughout the week. You will be expected to attend a 1-hour lab period in each week indicated in the schedule below.
- Quizzes and Exams will be completed online at or by the times listed in this schedule below.

Course Objectives

By the end of the course students should be able to:

- understand the principles of evolutionary biology
- compare and contrast features of human and non-human primate species
- discuss major trends in hominid evolution and the origin of modern humans
- understand the influence of genetic, ecological, and sociocultural factors on biological variation
- think critically about contemporary issues and debates in biological anthropology

Required Materials and Texts

Stanford et al. 2017. **Exploring Biological Anthropology: The Essentials, 4th Edition**

E-Text Only - Available from McMaster Bookstore

Course Evaluation – Overview

1. Quizzes [8 x 5% each, due weekly]
2. Lab Participation [10 x 1% each, attend weekly]
3. Midterm Exam [25%, October 22]
4. Final Exam [25%, Exam Period]

Course Evaluation – Details

Quizzes (8 x 5% = 40%), due weekly (see schedule below)

By the end of each week indicated on the schedule below, you will complete a brief quiz (problem, short-answer, multiple-choice), covering materials from previous week's lectures. There will be 10 quizzes, and your best 8 will count towards your final grade.

Lab Participation (10 x 1% = 10%), attend weekly (see schedule below)

In each week indicated in the schedule below, you will attend a live 1-hour online lab session. Simply attending the lab will merit a ½ mark; you are expected to actively participate for the full mark.

Midterm Exam (25%), October 22 @ 9:30AM online

The midterm exam will consist of a mix of short-answer and problem questions, covering material prior to the midterm.

Final Exam (25%), during Exam Period – Time/Date TBD

The final exam will consist of a mix of short-answer and longer-format questions, covering material taught after the midterm exam.

Weekly Course Schedule and Required Readings

Week 1 (Sept 6 – 12)

Welcome to 2EO3 – Live Online Zoom Lecture - Thurs Sept 10 @ 9:30AM

Introduction to Biological Anthropology

Read Ch. 1 & 2

Week 2 (Sept 13 – 19)

Biological Basis of Life

Read Ch. 3

Attend Lab 1

Complete Quiz 1 by 11:59PM Saturday (Sept 19th)

Week 3 (Sept 20 – 26)

Mendelian Inheritance

Read Ch. 4

Attend Lab 2

Complete Quiz 2 by 11:59PM Saturday (Sept 26th)

Week 4 (Sept 27 – Oct 3)

Population Genetics

Read Ch. 5

Attend Lab 3

Complete Quiz 3 by 11:59PM Saturday (Oct 3rd)

Week 5 (Oct 4 – 10)

Race & Human Variation

Read Ch. 6 (pp. 105-122)

Attend Lab 4

Complete Quiz 4 by 11:59PM Saturday (Oct 10th)

Week 6 (Oct 11 – 17)

☺ ***Midterm Recess*** ☺

Week 7 (Oct 18 – 24)

Midterm Exam Review

******* Midterm Exam – ONLINE – Thursday October 22 @ 9:30AM *******

Week 8 (Oct 25 – 31)

The Primate Order

Read Ch. 7

Attend Lab 5

Complete Quiz 5 by 11:59PM Saturday (Oct 31st)

Week 9 (Nov 1 – 7)

Primate Behaviours

Read Ch. 8

Attend Lab 6

Complete Quiz 6 by 11:59PM Saturday (Nov 7th)

Week 10 (Nov 8 – 14)

Human Evolution

Read Ch. 9

Attend Lab 7

Complete Quiz 7 by 11:59PM Saturday (Nov 14th)

Week 11 (Nov 15 – 21)

Early Primates & Hominids

Read Ch. 10

Attend Lab 8

Complete Quiz 8 by 11:59PM Saturday (Nov 21st)

Week 12 (Nov 22 – 28)

Homo

Read Ch. 11-13

Attend Lab 9

Complete Quiz 9 by 11:59PM Saturday (Nov 28th)

Week 13 (Nov 29 – Dec 5)

Human Adaptation

Read Ch. 6 (pp. 123-140)

Attend Lab 10

Complete Quiz 10 by 11:59PM Saturday (Dec 5th)

Week 14 (Dec 6 - 12)

Final Exam Review

Course Policies

Grades

Grades will be based on the McMaster University grading scale:

MARK	GRADE
90-100	A+
85-90	A
80-84	A-
77-79	B+
73-76	B
70-72	B-
67-69	C+
63-66	C
60-62	C-
57-59	D+
53-56	D
50-52	D-
0-49	F

Requests for Relief for Missed Academic Term Work (McMaster Student Absence Form – MSAF)

In the event of a missed lab, quiz or test for medical or other reasons, students should review and follow the Academic Regulation in the Undergraduate Calendar “Requests for Relief for Missed Academic Term Work”.

If you have any questions about the McMaster Student Absence Form (MSAF), please contact your Associate Dean’s office.

[http://academiccalendars.romcmaster.ca/content.php?catoid=11&navoid=1698#Requests for Relief for Missed Academic Term Work](http://academiccalendars.romcmaster.ca/content.php?catoid=11&navoid=1698#Requests_for_Relief_for_Missed_Academic_Term_Work)

Typically, the MSAF assures you the opportunity to write a make-up quiz or midterm. Grade items are only reweighted under extreme circumstances (e.g. long-term illness, bereavment, etc.). Missed final exams must be deferred through your Faculty Office.

Correspondence

I check my email regularly throughout the week, so you can expect a response within **~48 hours**. Please put **2EO3 in the subject line** of your email and **include your name and student number** at the end of all correspondence. If an emailed question is relevant to the rest of the class, I will post a response directly to Avenue rather than replying individually by email. Please ensure that you have configured your email notification settings to update you when announcements are made to Avenue.

Avenue to Learn

In this course we will be using Avenue to Learn. Students should be aware that, when they access the electronic components of this course, private information such as first and last names, user names for the McMaster e-mail accounts, and program affiliation may become apparent to all other students in the same course. The available information is dependent on the technology used. Continuation in this course will be deemed consent to this disclosure. If you have any questions or concerns about such disclosure, please discuss this with the course instructor.

Echo360

All of the lecture videos will be accessible on Echo360 through the link on Avenue.

University Policies

Academic Integrity Statement

You are expected to exhibit honesty and use ethical behavior in all aspects of the learning process. Academic credentials you earn are rooted in principles of honesty and academic integrity.

Academic dishonesty is to knowingly act or fail to act in a way that results or could result in unearned academic credit or advantage. This behavior can result in serious consequences, e.g. the grade of zero on an assignment, loss of credit with a notation on the transcript (notation reads: "Grade of F assigned for academic dishonesty"), and/or suspension or expulsion from the university.

It is your responsibility to understand what constitutes academic dishonesty. For information on the various types of academic dishonesty please refer to the Academic Integrity Policy, located at www.mcmaster.ca/academicintegrity.

The following illustrates only three forms of academic dishonesty:

1. Plagiarism, e.g. the submission of work that is not one's own or for which credit has been obtained.
2. Improper collaboration in group work.
3. Copying or using unauthorized aids in tests and examinations.

Conduct Expectations

As a McMaster student, you have the right to experience, and the responsibility to demonstrate, respectful and dignified interactions within all of our living, learning and working communities. These expectations are described in the [Code of Student Rights & Responsibilities](#) (the “Code”). All students share the responsibility of maintaining a positive environment for the academic and personal growth of all McMaster community members, whether in person or online.

It is essential that students be mindful of their interactions online, as the Code remains in effect in virtual learning environments. The Code applies to any interactions that adversely affect, disrupt, or interfere with reasonable participation in University activities. Student disruptions or behaviours that interfere with university functions on online platforms (e.g. use of Avenue 2 Learn, WebEx or Zoom for delivery), will be taken very seriously and will be investigated. Outcomes may include restriction or removal of the involved students’ access to these platforms.

Academic Accommodation of Students with Disabilities

Students with disabilities who require academic accommodation must contact [Student Accessibility Services](#) (SAS) 905-525-9140 ext. 28652 or e-mail sas@mcmaster.ca to make arrangements with a Program Coordinator. For further information, consult McMaster University’s Policy for [Academic Accommodation of Students with Disabilities](#).

Academic Accommodation for Religious, Indigenous, or Spiritual Observances (RISO)

Students requiring academic accommodation based on religious, indigenous or spiritual observances should follow the procedures set out in the [RISO](#) policy. Students should submit their request to their Faculty Office *normally within 10 working days* of the beginning of term in which they anticipate a need for accommodation or to the Registrar’s Office prior to their examinations. Students should also contact their instructors as soon as possible to make alternative arrangements for classes, assignments, and tests.

Faculty of Social Sciences E-mail Communication Policy

Effective September 1, 2010, it is the policy of the Faculty of Social Sciences that all e-mail communication sent from students to instructors (including TAs), and from students to staff, must originate from the student’s own McMaster University e-mail account. This policy protects confidentiality and confirms the identity of the student. It is the student’s responsibility to ensure that communication is sent to the university from a McMaster account. If an instructor becomes aware that a communication has come from an alternate address, the instructor may not reply at his or her discretion.

Privacy Protection

In accordance with regulations set out by the Freedom of Information and Privacy Protection Act, the University will not allow return of graded materials by placing them in boxes in departmental offices or classrooms so that students may retrieve their papers themselves; tests and assignments must be returned directly to the student. Similarly, grades for assignments for courses may only be posted using the last 5 digits of the student number as the identifying data. The following possibilities exist for return of graded materials:

1. Direct return of materials to students in class;
2. Return of materials to students during office hours;
3. Students attach a stamped, self-addressed envelope with assignments for return by mail;
4. Submit/grade/return papers electronically.

Arrangements for the return of assignments from the options above will be finalized during the first class.

Online Elements

This course includes on-line elements (e.g. e-mail, Avenue to Learn (A2L), LearnLink, web pages, capa, Moodle, ThinkingCap, etc.). Students should be aware that, when they access the electronic components of a course using these elements, private information such as first and last names, user names for the McMaster e-mail accounts, and program affiliation may become apparent to all other students in the same course. The available information is dependent on the technology used. Continuation in a course that uses on-line elements will be deemed consent to this disclosure. If you have any questions or concerns about such disclosure please discuss this with the course instructor.

Copyright and Recording

Students are advised that lectures, demonstrations, performances, and any other course material provided by an instructor include copyright protected works. The Copyright Act and copyright law protect every original literary, dramatic, musical and artistic work, including lectures by University instructors

The recording of lectures, tutorials, or other methods of instruction may occur during a course. Recording may be done by either the instructor for the purpose of authorized distribution, or by a student for the purpose of personal study. Students should be aware that their voice and/or image may be recorded by others during the class. Please speak with the instructor if this is a concern for you.

Online Proctoring

Some courses may use online proctoring software for tests and exams. This software may require students to turn on their video camera, present identification, monitor and record their computer activities, and/or lock/restrict their browser or other applications/software during tests or exams. This software may be required to be installed before the test/exam begins.

Course Modification

The instructor and university reserve the right to modify elements of the course during the term. The university may change the dates and deadlines for any or all courses in extreme circumstances. If either type of modification becomes necessary, reasonable notice and communication with the students will be given with explanation and the opportunity to comment on changes. It is the responsibility of the student to check his/her McMaster email and course websites weekly during the term and to note any changes.

Extreme Circumstances

The University reserves the right to change the dates and deadlines for any or all courses in extreme circumstances (e.g., severe weather, labour disruptions, etc.). Changes will be communicated through regular McMaster communication channels, such as McMaster Daily News, A2L and/or McMaster email.