

ARCHAEOLOGY 203
INTRODUCTION TO PHYSICAL ANTHROPOLOGY

Instructor: Dr. Diane Lyons
Semester: Winter 2012 **Lecture:** Tues/Thurs 12:30-1:45 ENA 103
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Office Hours: Wednesday 1-2 pm or by appointment
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Course Description:

This course surveys the scope, goals and major discoveries of physical anthropology, dealing particularly with human biological evolution, the hominin fossil record and present physical diversity. Labs provide students with exercises and assignments that focus on specific concepts discussed in lectures and readings.

Prerequisite: None

Required Texts:

1. Jurmain, Robert, Lynn Kilgore, Wenda Trevathan, and Russell L. Ciochon. 2011-2012 edition. *Introduction to Physical Anthropology*. Thomson Wadsworth, CA.
2. Archaeology 203 Laboratory Manual. *Lab Manual for Physical Anthropology*. (**The manual will be posted on blackboard** – students need to download weekly exercises to bring to labs each week. **Labs begin in the second week of classes**).

Lab Fees:

Primate lab requires the cost of admission to the Calgary Zoo (See their website for details). If you need to go more than once to do your assignment it is probably worth taking out annual membership.

Lab Participation:

Students are required to participate in data collection and provision of data in the Anthropometry Lab. Students should acquaint themselves with requirements in advance of the lab.

Preliminary Course Outline

Dates for topics and films may vary depending on the pace of the class, but the exam and quiz schedules remain fixed. Films may be substituted at the instructor's discretion. Please be on time and prepared for lectures and labs. Preparation involves completing the required readings before attending class.

Students are responsible for their own note taking. Blackboard notes are minimal outlines and are not a substitute for in-class note-taking (I do not publish images from PowerPoint slides on blackboard – only text in accordance with copyright law).

Missed exams and quizzes require a medical certificate for rescheduling. The use of notes,

computers, cell-phones and other electronic devices are not allowed in exams and quizzes. While students can bring beverages to an exam, do not bring crunchy and smelly lunches or snacks because they are distracting to other students.

Week 1: January 10, 12

Introduction to Physical Anthropology; historic background to evolutionary theory

Readings: Chapters 1, 2

Week 2: January 17, 19

Darwin and Mendel

Readings: Relevant sections of Chapters 2, 4

Week 3: January 24, 26

Genetics and human variability

Readings: Chapters 3, 4, 15, 16

Week 4: January 31, February 2

The study of living primates

Film: to be announced

Readings: Chapters 5, 6

Week 5: February 7, 9

Study of living primates

Readings: Chapters 7, 8

Exam 1: 25% of final grade on the Thursday class

Week 6: February 14, 16

Fossil primates; Introduction to Palaeoanthropology

Readings: Chapters 9, 10 (appropriate sections)

Reading Week February 19-24 no classes

Week 7: February 28, March 1

Hominin origins

Film: To be announced

Readings: Chapter 10

Week 8: March 6, 8

Hominin origins continued

Film: To be announced

Readings: Chapter 10, 11

Week 9: March 13, 15

Homo erectus

Readings: Chapter 12

Week 10: March 20, 22

The evolution of language and the brain

Chapter 13

Exam 2: 25% of final grade in Thursday class

Week 11: March 27, 29

Pre-modern humans: Neanderthals

Readings: Chapter 13

Week 12: April 3, 5

Modern humans

Readings: Chapter 14

Film: Alien from Earth

Week 13: April 10, 12

Modern humans

Readings: Chapter 14

Final Quiz (10% of final grade) in Thursday class

Course Evaluation Summary:

Exam 1 25%

Exam 2 25%

Final Quiz 10%

Labs 40%

Mark Distributions are determined as follows:

A+ 96-100%

A 91-95

A- 86-90

B+ 81-85

B 76-80

B- 71-75

C+ 66-70

C 61-65

C- 56-60

D+ 53-55

D 51-52

F 50 and below

ADDITIONAL CONTENT OF THE COURSE OUTLINE

Writing Across the Curriculum

Writing skills are not exclusive to English courses and, in fact, should cross all disciplines. The University supports the belief that throughout their University careers, students should be taught how to write well so that when they graduate their writing abilities will be far above the minimal standards required at entrance. Consistent with this belief, students are expected to do a substantial amount of writing in their University courses and, where appropriate, instructors can and may use writing and the grading thereof as a factor in the evaluation of student work. The services provided by the Writing Centre in the Effective Writing Office can be utilized by all undergraduate and graduate students who feel they require further assistance.

Academic Accommodation Policy

The purpose of academic accommodation is to provide students with documented disabilities equal opportunity to master the essentials of a post-secondary education. Students with disabilities at the University of Calgary have met all admission requirements but may have done so with the use of accommodations. Similarly, they are expected to meet all academic and non-academic requirements. Adaptive technology and other academic accommodations do not relieve students of their responsibility to develop the essential skills and abilities expected of all students. Please refer to the following web link for detailed information: <http://www.ucalgary.ca/drc/node/71>

Disability Resource Centre Accommodations

It is the responsibility of the student to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at (403)220-8237.

Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. Students are also required to discuss their needs with the instructor no later than fourteen (14) days after the start of the course.

Freedom of Information and Protection of Privacy Act

The University of Calgary is committed to protecting the privacy of individuals who work and study at the University or who otherwise interact with the University in accordance with the standards set out in the Freedom of Information and Protection of Privacy Act.

Please refer to the following link for detailed information:
<http://www.ucalgary.ca/secretariat/system/files/foip%20overview.pdf>

Academic Misconduct

Academic dishonesty is an unacceptable activity at the University of Calgary and students are **strongly advised** to read the Student Misconduct section of the University Calendar. Quite often, students are unaware of what constitutes academic dishonesty or plagiarism. The most common are:

- 1) Presenting another student's work as your own
- 2) Presenting an author's work or ideas as your own without proper referencing
- 3) Using work completed for another course

This activity will not be tolerated and students conducting themselves in this manner will be dealt with according to the procedures outlined in the University Calendar.

For detailed information on what constitutes academic misconduct, please refer to the following link:
<http://www.ucalgary.ca/pubs/calendar/current/k-2-1.html>

Emergency Evacuation Assembly Points

In the event of an emergency that requires evacuation, please refer to the following link to become familiar with the assembly points for the class: <http://www.ucalgary.ca/emergencyplan/assemblypoints>

Safewalk Information

Campus Security, in partnership with the Students' Union, provides the Safewalk service, 24 hours a day to any location on Campus including the LRT, parking lots, bus zones and University residences. Contact Campus Security at (403) 220-5333 or use a help phone, and Safewalkers or a Campus Security Officer will accompany you to your campus destination.

Contact Information for Student and Faculty Representation

Student Union Vice President – Academic
Phone: (403) 220-3911
Email: suypaca@ucalgary.ca

Student Union Faculty Representative
Phone: (403) 220-3913
Email: socilscirep@su.ucalgary.ca

Student Ombudsman's Office
<http://www.su.ucalgary.ca/services/student-services/students-rights.html>

Students Union Representatives for the Faculty of Arts
arts1@su.ucalgary.ca
arts2@su.ucalgary.ca
arts3@su.ucalgary.ca
arts4@su.ucalgary.ca