

**ARCHAEOLOGY 203**  
**INTRODUCTION TO PHYSICAL ANTHROPOLOGY**

**Instructor:** Dr. Diane Lyons  
**Semester:** Winter 2011                      **Lecture:** Tues/Thurs 9:30-10:45 ENA 201  
**Phone:** 403 220-6370  
**Office:** Earth Sciences Bldg 854  
**Office Hours:** Thursday 2-3 pm or by appointment  
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**Course Description:**

This course surveys the major subfields of physical anthropology including evolution, human palaeontology, genetics, osteology and variation, and techniques of data collection. 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. 2009-2010 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 and to bring them 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 \$19.00 plus GST. If you need to go more than once to do your assignment it is probably worth taking out annual membership (\$50).

**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. **Students are responsible for their own note taking. Blackboard notes are minimal outlines and are not a substitute for in-class note-taking.** Please be on time and prepared for lectures and labs. Preparation involves completing the required readings before attending class.

**Missed exams and quizzes require a medical certificate for rescheduling.** Computers are not allowed to be used in exams.

**Week 1:** January 11, 13

Introduction to Physical Anthropology; historic background

Readings: Chapter 1,2

**Week 2:** January 18, 20  
Darwin and Mendel  
Readings: Chapters 2, 4

**Week 3:** January 25, 27  
Genetics and human variability  
Readings: Chapters 3,15,16

**Week 4:** February 1, 3  
The study of living primates  
Readings: Chapter 5,6

**Week 5:** February 8, 10  
Study of living primates continued  
Readings: Chapters 7, 8  
*Exam 1: 25% of final grade on the Thursday class*

**Week 6:** February 15, 17  
Fossil Primates/Introduction to Palaeoanthropology  
Chapter 9,10

#### **READING WEEK NO CLASSES FEBRUARY 20-27**

**Week 7:** March 1, 3  
Hominin origins  
**Film: Human Evolution**  
Readings: Chapter 10

**Week 8:** March 8, 10  
Hominin origins continued  
**Film: Human Evolution**  
Readings: Chapter 10,11

**Week 9:** March 15, 17  
*Homo erectus*  
Readings: Chapter 12

**Week 10:** March 22, 24  
The evolution of language and the brain  
Chapter 13  
*Exam 2: 25% of final grade in Thursday class*

**Week 11:** March 29, 31  
Pre-modern humans: Neanderthals  
Readings: Chapter 13

**Week 12:** April 5, 7

Modern humans

Readings: Chapter 14

**Film: Human Evolution**

**Week 13:** April 12, 14

Modern humans

***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](mailto:suypaca@ucalgary.ca)

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

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