

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

**Instructor:** Dr. Diane Lyons  
**Semester:** Winter 2010                      **Lecture:** Tues/Thurs 9:30-10:45 SA 106  
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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 hominid 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:**

Jurmain, Robert, Lynn Kilgore, Wenda Trevathan, and Russell L. Ciochon. 2009-2010 edition.

*Introduction to Physical Anthropology*. Thomson Wadsworth, CA.

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).

***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). 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. Missed exams and quizzes require a medical certificate for rescheduling.**

**Week 1:** January 12, 14

Introduction to Physical Anthropology; historic background

Readings: Chapter 1,2

**Week 2:** January 19, 21

Darwin and Mendel

Readings: Chapters 2, 4

**Week 3:** January 26, 28

Genetics and human variability

Readings: Chapters 3,15,16

**Week 4:** February 2, 4

The study of living primates: classification

**Film: New Chimpanzees**

Readings: Chapter 5,6

**Week 5:** February 9, 11

Living primates: behaviour

**Film: TBA**

Readings: Chapters 7, 8

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

## **February 14-21 Reading Week: no classes**

**Week 6:** February 23, 25

Fossil Primates, Palaeoanthropology, dating methods

Chapter 9,10

**Week 7:** March 2, 4

*Ardipithecines, Australopithecines*

**Film: Human Evolution**

Readings: Chapter 10

**Week 8:** March 9, 11

*Australopithecines, Paranthropines, Homo habilis*

Readings: Chapter 10,11

**Week 9:** March 16, 18

*Homo erectus*

**Film: Human Evolution**

Readings: Chapter 12

**Week 10:** March 23, 25

The evolution of language and the brain

Chapter 13

*Exam 2: 25% of final grade in Thursday class*

**Week 11:** March 30, April 1

Pre-modern humans: Neanderthals

**Film: Alien from Earth**

Readings: Chapter 13

**Week 12:** April 6, 8

Modern humans

Readings: Chapter 14

**Film: Neanderthals**

**Week 13:** April 13, 15

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