

ARCHAEOLOGY 203
INTRODUCTION TO PHYSICAL ANTHROPOLOGY

Instructor: Dr. Diane Lyons
Semester: Winter 2009 **Lecture:** Tues/Thurs 9:30-10:45
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Office Hours: Thursday 11:00-12:00 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 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, and Wenda Trevathan. 2008. *Introduction to Physical Anthropology 11th edition*. Thomson Wadsworth, CA.

Archaeology 203 Laboratory Manual. *Lab Manual for Physical Anthropology*. (The manual will be on blackboard by the end of the first week – 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 to 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 13,15
Introduction to Physical Anthropology; historic background
Readings: Chapter 1,2

Week 2: January 20,22
Darwin and Mendel
Readings: Chapters 2, 4

Week 3: January 27,29
Genetics and human variability
Readings: Chapters 3,15,16

Week 4: February 3,5
The study of living primates: classification
Film: Survey of the Primates

Readings: Chapter 5,6

Week 5: February 10,12

Living primates: behaviour

Film: New chimpanzees

Readings: Chapters 7, 8

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

February 17, 19 Reading Week: no classes

Week 6: February 24, 26

Fossil Primates, Palaeoanthropology, dating methods

Chapter 9,10

Week 7: March 3,5

Ardipithecines, Australopithecines

Film: Human Evolution: Lower Palaeolithic

Readings: Chapter 10

Week 8: March 10,12

Australopithecines, Paranthropines, Homo habilis

Readings: Chapter 10,11

Week 9: March 17,19

Homo erectus

Film: Human Evolution: Middle Palaeolithic

Readings: Chapter 12

Week 10: March 24,26

The evolution of language and the brain

Chapter 13

Exam 2: 25% of final grade in Thursday class

Week 11: March 31, April 2

Pre-modern humans: Neanderthals

Readings: Chapter 13

Week 12: April 7,9

Modern humans

Readings: Chapter 14

Film: Neanderthals on Trial

Week 13: April 14, 16

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