

ANTHROPOLOGY 301  
 PRINCIPLES OF PHYSICAL ANTHROPOLOGY  
 FALL 2005

Instructor: P. Willey

Office: 302 Butte 898-4793 Office Hours: Tu 9-11, W 9-12

Texts: Jurmain et al. (2005) Introduction to Physical Anthropology  
 France (2004) Lab Manual and Workbook for Physical Anthropology

Grade:

Exam I	September 23	100 possible points
Exam II	October 28	100
Final Exam	Dec 14 Wednesday 12-1:50	150
Laboratory exercises and quizzes		<u>150</u>
	Total	500 possible points

If you cheat, you fail. There is no extra credit. No exams or quizzes will be distributed after first person completes the exam or quiz. Old exams are on file in Merriam Library's Reserve Materials, electronic password 6PQ4C. And I do not lend my notes or texts.

<u>Week beginning</u>	<u>Topic</u>	<u>Reading assignment*</u>
August 22	Introduction	Skim entire book, read Chpt. 1
August 29	History	Chpt. 2
September 5	Genetics	Chpts. 3 & 4
September 12	Adaptability & Diversity	Chpts. 14 & 15
September 19	Evolution	Chpt. 16
	Exam I September 23	
September 26	Osteology	France Chpt. 3
October 3	Osteology	France Chpts. 3 & 12
October 10	Living Primates	Chpt. 5 & 6
October 17	Living Primates	Chpt. 7
October 24	Primate Evolution	Chpt. 8
	Exam II October 28	
October 31	Human Paleontology	Chpt. 9
November 7	Earliest hominids	Chpts. 10
November 14	<u>Homo erectus</u>	Chpt. 11
November 21	Thanksgiving Break	
November 28	Archaic <u>Homo sapiens</u>	Chpt. 12
December 5	Modern <u>Homo sapiens</u>	Chpt. 13
December 14	Final Exam Wednesday 12-1:50	

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\* All of these reading assignments are in Jurmain et al., except as noted.

**PHYSICAL ANTHROPOLOGY LABORATORY**

## FALL 2003

Requirements: laboratory exercises, weekly quizzes and attendance

The laboratory grade (150 points possible) is based on bi-weekly quizzes administered at the end of those lab sessions. Each of the seven quizzes is worth 25 points. The best six quiz scores will be used to calculate your laboratory grade; the lowest score will be dropped from the calculation. **If you miss a quiz in your assigned laboratory section for any reason, you will receive a 0 for that quiz.** There is no laboratory session during finals week.

<u>Date</u>	<u>Topic</u>	<u>Readings and Exercises*</u>
August 23	Introduction	
August 30	History of evolutionary thought & science. <b>QUIZ</b>	Jurmain et al. Chpt. 2; Come prepared to discuss science
**September 6	Genetics: terms, gametes & concepts	Pages 1-14
September 13	Genetics: pedigree analysis <b>QUIZ</b>	Pages 15-24
**September 20	Population genetics	Pages 24-46 Bring a <b>calculator</b>
September 27	Osteology: terms & directions <b>QUIZ</b>	Pages 59-64. Bring a <b>calculator</b>
**October 4	Osteology: cranium	Pages 64-70
**October 11	Osteology: postcranium <b>QUIZ</b>	Pages 70-88
October 18	Osteology applications	Chpt. 12
October 25	Primates <b>QUIZ</b>	Chpts. 2 & 4
November 1	Primates	Chpt. 5
**November 8	Paleontology & primate evolution <b>QUIZ</b>	Chpts. 7 & 8
**November 15	Early hominids	Chpt. 9
	Thanksgiving Break	
**November 29	Genus <u>Homo</u> <b>QUIZ</b>	Chpt. 10
December 6	Review for final	Bring questions

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\*All readings, **except** as noted, are in France's Lab Manual and Workbook for Physical Anthropology.

\*\* Many students find these laboratories more difficult than some of the other lab sessions, requiring considerable preparatory work before the laboratory session.