Introduction to Physical Anthropology
ANT 301 Fall 2012
Unique 30875 - 30925

INSTRUCTORS

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Lectures: Mondays and Wednesdays, 3-4 in WEL 1.308

Laboratory Sections: Each student enrolls in one two-hour Lab section that meets each week in SAC 5.172. Unique numbers will vary according to the Lab section in which you are enrolled.

Grading: Grading in this course is based on 2 exams, 9 lab assignments and 2 lab quizzes. The exams count for 50% of your grade, the lab assignments for 30% and the lab quizzes count for 20%.

Course Textbook: Boyd, R and Silk J. (2012) *How Humans Evolved*. **Sixth** Ed. Los Angeles: University of California Press.

Web Site: http://courses.utexas.edu. To use the course Blackboard site, go to the link at left and select the login button located in the upper left portion of the screen. Once you have logged in you will see all of your classes listed. Simply click on ANT 301 to access the course page. In order to access the Blackboard web site, students will need their UT EID number and password. Tutorials on how to use blackboard are available at http://www.utexas.edu/cc/blackboard/tutorials/student/.

Labs: Students are required to attend the lab section in which they are enrolled. Excused absences from lab require appropriate WRITTEN documentation (e.g. doctor's note) and arrangements should be made with the TA to attend another section. Contact your TA during the week of the missed lab in order to attend an alternate Lab, otherwise credit for the lab will be lost. Students are expected to bring printed copies of the lab materials with them to class. Lab assignments are available in pdf format from the course blackboard website under the assignments section).

Academic Honesty: The University of Texas at Austin Standard of Student Conduct requires its students to maintain absolute integrity and a high standard of individual honor in scholastic work and to observe standards of conduct appropriate for a community of scholars. In accordance with these principles, any student found cheating on an exam will receive a grade of zero for the test and will be referred to the dean's office for further disciplinary action. On exam days, students will be allowed to take only a writing implement to their seat. All backpacks, book bags, purses, etc. must be left on the dais at the front of the auditorium.

Classroom Protocol: Civil and courteous behavior is expected during lectures and labs (It's a good idea outside of class too). Cell phone ringers must be turned off prior to the beginning of lecture.

Special Accommodations: If you require special accommodations for exams (e.g., a reduced-distraction environment or extra time), you MUST contact your instructor and teaching assistant in ADVANCE in order to discuss the necessary arrangements. There will be no exceptions to this rule. Proof of qualification for accommodations from the UT Services for Students with Disabilities (SSD) office must be provided.

Students with disabilities may request appropriate academic accommodations from the Division of Diversity and Community Engagement, Services for Students with Disabilities at 471-6259 (voice) or 232-2937 (video phone) or **http://www.utexas.edu/diversity/ddce/ssd .**

Schedule

Week 1			
Aug.	29	Course Introduction	Boyd & Silk: Prologue
NO LAB THIS WEEK			

Week 2			
Sept.	3	Labor Day NO CLASS	
	5	Introduction to Evolution	Boyd & Silk: Chap. 1
NO LAB THIS WEEK			

Week 3			
Sept.	10	Mendelian Genetics	Boyd & Silk: Chap. 2 pp. 22-34
	12	Molecular Genetics	Boyd & Silk: Chap. 2 pp. 34-47
Lab 1 Scientific Method and Skeletal Anatomy			

Week 4			
Sept.	17	Population Genetics	Boyd & Silk: Chap. 3 pp. 48-62
	19	Constraints on Adaptation	Boyd & Silk: Chap. 3 pp. 62-73
Lab 2 Genetics			

Week 5			
Sept.	24	Species and Speciation	Boyd & Silk: Chap. 4 pp. 74-84
	26	Phylogeny	Boyd & Silk: Chap. 4 pp. 84-99
Lab 3 Systematics			

Week 6			
Oct.	1	Primate Diversity	Boyd & Silk: Chap. 5 pp. 102-118
	3	Primate Ecology & Conservation	Boyd & Silk: Chap. 5 pp. 118-134
Lab 4 Primate Ecology and Behavior			

Week 7			
Oct.	8	Primate Mating Systems	Boyd & Silk: Chap. 6 pp. 135-158
	10	Primate Sociality	Boyd & Silk: Chap. 7 pp.159-176
REVIEW and Lab Exam			

Week 8			
Oct.	15	Primate Life History and Intelligence	Boyd & Silk: Chap. 8 pp. 177-192
	17	First Exam	No readings assigned.
Lab 5 Functional Morphology			

Week 9			
Oct.	22	Introduction to Paleobiology	Boyd & Silk: Chap. 9 pp. 194-201
	24	Primate Evolution	Boyd & Silk: Chap. 9 pp. 201-218
Lab 6 Primate Evolution			

Week 10			
Oct.	29	Earliest hominins	Boyd & Silk: Chap. 10 pp. 219-229
	31	Australopithecines / Homo	Boyd & Silk: Chap. 10 pp. 230-246
Lab 7 Fossil Record of Australopithecus			

Week 11			
Nov.	5	The Oldowan	Boyd & Silk: Chap. 11 pp. 247-267
	7	Early Homo	Boyd & Silk: Chap. 12 pp. 268-281
Lab 8 Fossil Record of Homo			

Week 12			
Nov.	12	Later Homo	Boyd & Silk: Chap. 12 pp. 281-301
	14	Modern Humans	Boyd & Silk: Chap. 13 pp. 302-315
Lab 9 MP and UP Behavior			

Week 13			
Nov.	19	Spread of Modern Humans	Boyd & Silk: Chap. 13 pp. 315-336
	21	No Class - Thanksgiving	
NO LAB THIS WEEK			

Week 14			
Nov.	26	Human Genetic Variation	Boyd & Silk: Chap. 14 pp. 338-353
	28	Human Phenotypic Variation	Boyd & Silk: Chap. 14 pp. 353-365
REVIEW and Lab Exam			

Week 15			
Dec.	3	Closing Remarks	
	5	Second Exam	No Readings assigned
NO LAB			