HEB 1426 - Tuesday/Thursday 3-4:30 MCZ 529

Date	Topic	Assignment (Due at Start of Class)
Aug 31	Intro/Course Overview â€œCan we understand humans using evolutionary biology?â€	
Sep 5	Evolution 1: What are the basics and where do they fall apart? â€œHow to participate in good discussionsâ€	*Week 1 Reading*
Sep 7	Evolution 2: Modern Evolutionary Thinking	Quiz 1
Sep 12	Humans as Primates (Morphology)	*Week 2 Reading*
Sep 14	LAB 1: HUMAN MORPHOLOGY LAB	Quiz 2
Sep 19	Humans as Primates (Behavior)	*Week 3 Reading*
Sep 21	LAB 2: HUMAN BEHAVIORAL LAB	Quiz 3
Sep 26	Interpreting Paleontological Evidence and Earliest Hominins	*Week 4 Reading*
Sep 28	Bird and Worms eye view of Human Evolution	Quiz 4
Oct 3	Australopiths (Or, the one time in human evolutionary history where cladograms make sense)	*Week 5 Reading*
Oct 5	Bipedalism: Anatomy, Behavior and Interpreting the Implications	Quiz 5
Oct 10	Social System Evolution â€œWhy are Canine and Body Size Dimorphism Decoupled?â€	*Week 6 Reading*
Oct 12	LAB 3: EARLY HOMININS AND AUSTRALOPITHS Midterm Review	Quiz 6

Oct 17	Game Theory and the Evolution of Human Cooperation	*Week 7 Reading*
Oct 19	MIDTERM EXAM (Through Oct 12 and Week 6 Reading)	
Oct 24	Evolution 3 â€“ Modeling Within Species and Between Species Evolution	*Week 8 Reading*
Oct 26	*Homo habilis* and *Homo erectus*	Quiz 7
Oct 31	Brain Size Evolution, Diet Evolution: Are they related?	*Week 9 Reading*
Nov 2	LAB 4: *Homo*	Quiz 8
Nov 7	Muddle in the Middle and Human Dispersals	*Week 10 Reading*
Nov 9	Neandertals, Modern Humans and Denisovans	Quiz 9
Nov 14	A brief tour through the archaeological record part 1	*Week 11 Reading*
Nov 16	A brief tour through the archaeological record part 2	Quiz 10
Nov 21	â€œAre humans still evolving?â€ Intro to Archaeology Lab	*Week 12 Reading*
Nov 28	LAB 5: ARCHAEOLOGY LAB PART 1	
Nov 30	LAB 5: ARCHAEOLOGY LAB PART 2	

Assignments

Quizzes (25%) - Each Thursday, starting September 5 there will be a short 10 minute quiz on the factual content of the previous two lectures. If you have attended these lectures and taken decent notes, you should need to spend less than half an hour preparing. **You will be able to use these quizzes (corrected) as reference during both your midterm and final.** There will be no makeup quizzes given, but the lowest score will be dropped.

Exams (55%)

There will be two exams, a midterm worth 20% of the grade and a final worth 35% (taken during exam period). Both the midterm and final will be primarily short and long answer essay questions. However, because of the visual nature of human evolutionary morphology, a small portion (15% of the midterm and 15% of the final) will also be devoted to identifying relevant skeletal material. You will have ample opportunity to work with this or similar material in lab.

Participation in Labs and Discussion (20%)

We will have six total lab sessions during the semester, which will take place during our normally scheduled meeting time. There will be no required lab report or follow-up assignment, though **everything presented in labs can be tested in the quizzes or exams.** Full participation in labs will be required. Many labs will present opportunities to earn extra credit on quizzes or exams.

Weekly readings will be posted to the course website at least one week before they are due. You will be assigned approximately 15-30 pages of primary source reading every week. This reading designed to be manageable but is **100% required** - you will be expected to come to class Tuesday being able to fully discuss what you have read. You should expect this to take between 1.5 and 2 hours every week (for those counting along at home, thatâ€™s only 2 â€“ 2.5 hours of work every week). Strategies for reading effectively and participating in class discussions will be addressed during the first few weeks. **Main points of primary source articles and information from our discussions will comprise a significant part of both your midterm and final.**

For students without previous evolution courses in HEB or OEB, readings from the suggested textbook will be given to supplement primary source literature. Purchasing the textbook is strongly recommended but not required.