

THE UNIVERSITY OF CALIFORNIA, BERKELEY
SPRING 2014
DEPARTMENT OF INTEGRATIVE BIOLOGY
DEPARTMENT OF ANTHROPOLOGY

INSTRUCTOR: TIM WHITE
OFFICE HOURS: W11-12

INTEGRATIVE BIOLOGY C142 / ANTHROPOLOGY C103
INTRODUCTION TO HUMAN
OSTEOLOGY

MEETINGS: MONDAY and WEDNESDAY, 9-12, 1007 Valley Life Sciences Building (VLSB).
Quizzes, lecture, and supervised independent study within these hours.

REQUIRED TEXTS: White, T.D., *HUMAN OSTEOLOGY*, third edition.

OTHER TEXTS AND JOURNALS: In the Anthropology Library.

LECTURES/LABORATORY: Discussions and laboratory sessions will follow the course schedule. Students are required to have read the assigned reading **before** coming to class. Quizzes may cover reading assigned for the quiz day. Additional laboratory time will be necessary and will be provided. Lab is **closed** 1 hr before all quizzes and exams.

GRADING: Done on a total points accumulated basis. Points will be distributed as follows:

8 (-1) quizzes.....60 pts each.....420 points (20 stations @ 3pt each)
3 midterm exams.....200 pts each.....600 points (50 stations @ 4pt each)
1 final exam.....3 hours.....300 points (75 stations @4pt each)

TOTAL.....1320 POINTS

- Exams and quizzes begin at 9:10 AM **SHARP**.
- **NO MAKE-UP ON ANY QUIZ OR EXAM!** Instead, each student's lowest quiz score will be disregarded.
- **GRADUATE STUDENT INSTRUCTOR:** Josh Carlson will announce his office hours.

• **LABORATORY REGULATIONS:** *Students failing to abide by laboratory rules will receive a warning at the first violation, lose 60 points for the second violation, and be dropped from the course for a third violation. All skeletal remains must be treated with respect. There is no smoking, eating, or drinking allowed in the laboratory. Any damage to materials must be reported immediately. All laboratory materials must be returned to the proper trays and cabinets after use. Only enrolled osteology students are allowed in the laboratory. Study of subjects other than osteology is not allowed. Any breach of security like leaving doors propped open will result in immediate penalty. Tragedy will not be allowed to strike the Commons.*

INTRODUCTION TO HUMAN OSTEOLOGY

COURSE SCHEDULE

<u>DATE</u>	<u>TOPIC</u>	<u>READING</u> <i>(before class)</i>	<u>EXAMS</u>
<u>JANUARY</u>			
W 22	Enrollment, facilities	Chapter 1	
M 27	Anatomical terminology	Chapter 2	
W 29	The skull (I)	4.1 thru 4.6	QUIZ 1
<u>FEBRUARY</u>			
M 3	The skull (II)	4.7 thru 4.24	
W 5	Recovery of skeletal remains	Chapters 15,27,28	QUIZ 2
M 10	Basic laboratory analysis	Chapters 16,22,23,24,25,26	
W 12	The dentition (I)	Chapter 5, Appendix 2	QUIZ 3
M 17	<i>President's Day Holiday</i>		
W 19	The dentition (II)		QUIZ 4
M 24	Bone biology, skeletal growth	Chapter 3	
W 26	Age and Sex from Skulls and Teeth	Chapter 18 (pt)	
<u>MARCH</u>			
M 3	Osteology, physical anthropology, academics, careers		
W 5	<u>EXAMINATION</u>		
	<u>MIDTERM 1</u>		
M 10	The hyoid and vertebrae	Chapter 6	
W 12	Ethics and the reburial issue	Chapter 17	QUIZ 5
M 17	The clavicle, ribs, scapula, sternum	Chapters 7, 8	
W 19	The humerus, radius, ulna	Chapter 9	QUIZ 6
24-28	<i>Spring break</i>		
M 31	The hand	Chapter 10	
<u>APRIL</u>			
W 2	The Pelvis (I)	Chapter 11	QUIZ 7
M 7	The Pelvis (II)	Chapter 18 (pt)	
W 9	<u>EXAMINATION</u>		
	<u>MIDTERM 2</u>		
M 14	The Femur, Tibia, Fibula	Chapter 12	
W 16	The Foot	Chapter 13	
M 21	Paleopathology (I)	Chapter 19	QUIZ 8

W 23	Paleopathology (II), Bone Modification	Chapter 20
M 28	<u>EXAMINATION</u>	
	<u>MIDTERM 3</u>	
W 30	Paleobiology	Chapter 21
M 5	RRR week	

FINAL EXAMINATION: TBD

If the class unanimously agrees, we can shift the time and/or day of the scheduled exam. Do not count on that happening.