

ANT 4525 Section 8944 Human Osteology and Osteometry – Fall 2014

Instructors: Dr. Michael Warren
Email: mwarren@ufl.edu
Class Meeting Time: Tuesday Period 5 (11:45-12:35pm)
Thursday Periods 5 & 6 (11:45-1:40pm)
Office Hours: Tuesday 12:35 to 2:00pm
Classroom Location: Turlington 1208J
Laboratory Location: Turlington 1208J

Course Description and Expectations:

This course provides an intensive introduction to the human skeleton emphasizing the identification of complete and fragmentary skeletal remains. This knowledge forms the underpinning for advanced study in human osteology, bioarchaeology, forensic anthropology, paleoanthropology and medicine. This course will provide an introduction to human skeletal anatomy and the techniques for estimating age, sex, ancestry, and stature from the human skeleton. To create a more complete approach to human skeletal anatomy, bone biology and development, some soft-tissue anatomy, and skeletal trauma and pathology will be discussed. Additionally, non-metric assessment and measurement of the human skeleton for comparative purposes will be highlighted. The course will consist of three hours of lecture per week and independent student laboratory time. **SUCCESSFUL STUDENTS GENERALLY REQUIRE AT LEAST 20 TO 30 HOURS PER WEEK OF INDEPENDENT LABORATORY STUDY TIME.**

Course Materials:

Required:

White TD, Black MT, Folkens PA (2011) Human Osteology, 3rd Edition. Amsterdam: Elsevier Academic Press, Inc.

Recommended:

Bass, WM (2005) Human Osteology: A Laboratory and Field Manual. Missouri Archaeological Society.

Buikstra JE, and Ubelaker D (1994) Standards for the Data Collection from Human Skeletal Remains. Fayetteville, AR: Arkansas Archeological Survey.

Course Requirements:

There will be 8 cumulative practical quizzes (60 points each) and 1 cumulative capstone practical exam (120 points). The format for quizzes and the capstone exam will be discussed the first day of class. Due to the nature of the practical quizzes and exam, make-up exams will be given only in documented illness or family emergency. Please contact me if you anticipate that you will be missing an exam *at least 24 hours prior to the scheduled exam time*. For more info see: (<http://www.registrar.ufl.edu/catalog1011/policies/regulationattendance.html>). It is the student's responsibility to inform the Instructor of any scheduled absences in advance; for the absence to be considered excused, both proper documentation and UF requirements must be met for it to be considered an excused absence. The single lowest quiz score for each student will be dropped before computing the final grades for the course. Grades for the capstone practical exam cannot be dropped. Grades will be posted on the course E-learning website. We will not utilize the final examination period for this course.

The total earned points for the semester (from 7 highest quiz scores and the capstone exam) will be divided by the total available raw points to calculate the final grade. Final grades will be strictly distributed according to the following scale:

A	> 92.50%	C	72.50% - 76.49%
A-	89.50% – 92.49%	C-	69.50% - 72.49%
B+	86.50% – 89.49%	D+	66.50% - 69.49%
B	82.50% - 86.49	D	62.50% - 66.49%
B-	79.50% - 82.49%	D-	59.50% -62.49%
C+	76.50% - 79.49%	E	< 59.49%

Information on current UF grading policies for assigning grade points can be found here:

<https://catalog.ufl.edu/ugrad/current/regulations/info/Grades.aspx>

Plagiarism and cheating in any form is subject to university policy as outlined by the Dean of Students (<http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) and will incur the severest allowable penalties.

Attendance Policy:

Attendance is expected at all scheduled lecture times, although attendance will not be taken. Please have the assigned readings completed before each lecture. If a handout applies to a class period, it will be in your best interest to bring a copy with you to lecture. *Lectures will not be distributed outside of class, electronically or by the instructor for any reason.* If you are unable to attend class, you must get the information covered that day from another student.

Students with disabilities requiring accommodations:

Students requesting classroom accommodation must first register with the Dean of Students Office (<http://www.dso.ufl.edu/drc>). The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. This documentation must be presented to the instructor by the end of the second week of classes, in order for accommodations to be made within a timely manner. Students experiencing personal problems that are interfering with their academic performance are encouraged to contact the University Counseling Center (301 Peabody Hall, 392-1575), Student Mental Health (Student Health Care Center, 392-1171), or Sexual Assault Recovery Services (Student Health Care Center, 392-1161).

This course has a unique grading rubric involving timed examinations. I will make every effort to accommodate students who experience testing anxiety that is exacerbated by this testing format. However, students should understand that these timed examinations are the standard for courses in human anatomy.

Other Policies: Cell phones, iPods, MP3 players, and any other mobile device must be turned OFF during class time. Computers may be used for note taking purposes only during lectures; a privilege that can be revoked if necessary. **NO** photography or video recording during lectures, inside the laboratory, or of skeletal remains.

Read and sign a copy of the rules and turn it in to the Instructor by the date noted on the schedule. Failure to turn in a signed form will result in loss of osteology lab access privileges (a requirement for this class!).

Rules for the Osteology Laboratory (Turlington Hall 1208J):

- The room is to remain secure at all times. If you leave, even for a few minutes, be sure the door is closed and locked. Access to the classroom and lab is controlled by a number pad lock. Students not granted access should not be permitted to enter the room. **LOCK THE ROOM IF YOU ARE THE LAST STUDENT TO LEAVE THE ROOM. IF THE ROOM IS FOUND UNLOCKED, THE LAST STUDENT TO ACCESS THE ROOM USING THE KEYPAD WILL BE PENALIZED.**
- Permission for visitors to the lab must be granted by the Instructor. **NO EXCEPTIONS!** Under no circumstances should a student not enrolled in this class be present in the laboratory without instructor consent.
- Certain Anthropology graduate students are permitted access to the laboratory for research purposes, and this is often time-sensitive. While they are advised to give osteology students priority for lab time, please be accommodating as lab availability is not always predictable. These graduate students will be able to enter their key code into the lock.
- No specimens are to leave room 1208J Turlington Hall!
- **NO PHOTOGRAPHY** within the lab, of course materials, or skeletal remains.
- All skeletal and other materials are to be treated with the utmost respect.
- The laboratory is not a social center. Please be respectful of other students' study time.
- Food and drink are prohibited in the laboratory.

Failure to follow these rules will lead to point loss and/or dismissal from the class.

I _____ (Print name) certify that I have read the above rules and understand that failure to comply will lead to point loss and/or dismissal from the course.

Signed: _____ UFID: _____

Date: _____

Fall 2014 Schedule: Subject to change with sufficient prior warning.

Month	Date	Day	Topic	Readings
August	26	T	Syllabus; Class rules; Ethics in Osteology	Ch 1, 17
August	28	Th	Anatomical terms and orientation/planes; Growth and bone structure	Ch. 2; Ch. 3 Signed Lab rules due
September	2	T	The Skull; bones of the cranium	Ch 4
September	4	Th	The Skull; bones of the cranium (continued)	Ch. 4
September	9	T	The Skull; the endocranium	Ch. 4
September	11	Th	The Skull; osteometric points	pp.298-299, Handout
September	18	Th	Non-metric and metric analysis of the skull	pp.389-391, 408-415, 421-424, Hefner 2009, Sauer 1992
September	23	T	Quiz 1 (Skull)	
September	25	Th	Dentition- Development and Pathology	Ch. 5, pp.385-389
September	30	T	Quiz 2 (+ Dentition)	
October	2	Th	Vertebral column	Ch 6
October	7	T	Vertebral column; Ribs and sternum	Ch 6, Ch 7
October	9	Th	Clavicle and Scapula	Ch 8
October	14	T	Quiz 3 (+ Vertebral Column, Ribs and Shoulder Girdle)	
October	16	Th	Humerus	Ch. 9
October	21	T	Radius and Ulna	Ch. 9
October	23	Th	Hand	
October	28	T	Quiz 5 (+ Arm, Forearm and Hand)	
October	30	Th	Os coxae- Age and Sex Assessment	Ch 11, pp.394-404, 415-419
November	4	T	Quiz 6 (+ Os Coxae)	
November	6	Th	Femur and Patella	Ch 12
November	11	T	No Classes – Veteran's Day	Holiday
November	13	Th	Tibia and Fibula	Ch 12
November	18	T	Quiz 7 (+ Leg and Lower Leg)	
November	20	Th	Foot, Stature Estimation	Ch 13
November	25	T	Trauma and Pathology	Ch. 19, Symes et al. 2012
November	27	Th	No Classes – Thanksgiving	Holiday
December	2	T	Quiz 8 (+ Foot, Trauma and Pathology)	
December	4	Th	Taphonomy & Case Studies	Ch 20
December	9	T	Capstone Practical Examination	