



Class Location & Time: Heritage Hall 318 (lab); M/W 11:30-12:45
Instructor: Christine Jones, PhD
Office: Heritage Hall 204C
Office Hours: By appointment
Contact me: Bioarchjones@tamuct.edu

Catalog Course Description:

The foundation of biological anthropology is the study of the human skeleton. In this course, students will learn concepts and methods used by anthropologists to identify, describe, and analyze human skeletal remains from forensic and archaeological contexts. Classes will be a combination of lecture and laboratory.

Mode of instruction and course access:

This course meets face-to-face, with some supplemental course materials made available online. Check Canvas daily for any course announcements or schedule changes.

Student-instructor interaction

During the week (Mon-Fri) I usually check emails often and respond within 24 hours. I may not respond to weekend emails until Monday or Tuesday. Email is a better way to reach me than Canvas message. If you plan to come to my office hours, please mention it or send me a quick email so I can make sure to have enough time to schedule and see all students.

Warrior Shield:

Emergency Warning System for Texas A&M University-Central Texas

Warrior Shield is an emergency notification service that gives Texas A&M University-Central Texas the ability to communicate health and safety emergency information quickly via email, text message, and social media. All students are automatically enrolled in Warrior Shield through their myCT email account. Connect to Warrior Shield by [911Cellular](https://portal.publicsafetycloud.net/Account/Login) [https://portal.publicsafetycloud.net/Account/Login] to change where you receive your alerts or to opt out. By staying enrolled in Warrior Shield, university officials can quickly pass on safety-related information, regardless of your location.

Required Textbook/Readings:

- 1) Tim White, Michael Black & Pieter Folkens (2011) *Human Osteology*, Third Edition. ISBN: 9780123741349
- 2) H. Wayne Sampson, John Montgomery & Gary Henryson(1991) *Atlas of the human Skull*. Second Edition. Texas A&M University Press: College Station, TX. ISBN: 9780890964880
- 3) "OsteologyLandmarks.pdf" will be on Canvas and will handed out on the first day. ****Bring this booklet to every class****

Materials Needed:

Student LAB COAT. A reusable type of these will be on sale in our bookstore soon for approximately 10 dollars. You can get your own wherever you would like of any

material, but it needs to be able to close completely in front. You can get them on Amazon quite inexpensively (<10 dollars). If you are having trouble getting a lab coat please let me know ASAP.

Recommended but not required:

Tim White (2005) Human Bone Manual. This is a softcover and shortened version of our main text. It is great for quick studying on the go but NOT a replacement for the main text.

IMPORTANT. A NOTE ABOUT LIBRARY RESERVES: ALL of our textbooks are available through the library either online (our main textbook is also an ebook) or in person at the reference desk. Not having your book is not a good reason to fall behind in your studying. Visit the library front desk and they can help you.*** **Additionally, the library offers a complete disarticulated skeleton (including skull) for study purposes. I encourage you to use this resource at times the lab skeletons are not available for studying. *****

Student Learning Outcomes:

Students will learn:

- Human bone and tooth development and anatomy
- The differences between juvenile and adult skeletal and dental anatomy
- How to identify every bone of the human skeleton using skeletal form, features and landmarks
- How to complete a full bone inventory and skeletal identification lab report
- Methods of skeletal analysis used in both forensic and archaeological context

Course requirements:

1. **Lab Safety:** Students must complete the “Lab Safety Module” on Canvas, including the Lab Safety Quiz. Safety equipment locations will be demonstrated in class. After taking the module, students must turn in a hard copy of the Safety Agreement no later than the second day of class, Wed. Jan 16. Failure to complete the module or turn in the safety agreement will result in the student not being able to enter the lab.
2. **Reading assignments and weekly online folders:** Readings from the textbook are listed in the course schedule below.
3. **Lab assignments:** We’ll have four labs spread out throughout the semester, worth 25 points each or 10% of the course. Some of these labs may have a typed component, which you will work on at home and then bring into class (hard copy only) by the subsequent class day.
4. **Quizzes:** Four **surprise** quizzes will be given over the semester. The two highest quiz grades will count for 10% of the final grade (two lowest quiz grades will be dropped). Quizzes are similar in content and structure to the practical exams but have fewer questions.
5. **Practical exams:** Four practical exams will be given over the course of the semester, each worth 20% of the final grade. Practical exams are mainly comprised of stations with labeled specimens for students to identify but will also include a minor written

component. Tests are cumulative, however, the emphasis for each will be on new material covered since the previous test.

Grade posting: All grades will be posted online; it usually takes about 1 week for me to grade your work. Be assured that I am grading your work as fast as I possibly can.

Assignment	Points	Points	%	Grade
Labs (4 @ 25 points)	100	900 – 1000	90 – 100%	A
Quizzes (4 total BUT lowest 2 scores are dropped... so 2@ 50 pts)	100	800 – 899	80 – 89%	B
Exams (4 @ 200 each)	800	700 – 799	70 – 79%	C
Total	1000	600 – 699	60 – 69%	D
		0 – 599	0 – 59%	F

Course Policies

Modification of the Syllabus: This syllabus may be revised in minor ways at the discretion of the instructor. The student is responsible for noting any changes in the syllabus. Most changes in the syllabus will pertain to events in the Course Schedule. If so, a revised course schedule will be posted online.

Makeup exams:

If you must be absent for an exam, you MUST 1. notify me in advance of the test date, or no more than 48 hours later (if it was a last minute medical emergency only), 2. be prepared to take a makeup within 3 days of the scheduled test date. Lastly 3. You may not take a make up test unless you can document your reason for being absent. Documentation for absences due to illness must indicate that you were confined and unable to attend class. A note indicating that you saw a doctor is insufficient. Examples of legitimate reasons for missing an exam include:

- death or major illness in the student's immediate family,
- participation in legal proceedings that require a student's presence,
- confinement because of illness

If you don't follow through on all three of these requirements you may be denied the request to makeup the exam. Students who miss a test, and cannot document a legitimate reason will receive a score of zero for that test. If a student misses a second test and is granted a makeup, the makeup will consist of a 3-page critical review of 3 articles on human skeletal biology from the American Journal of Physical Anthropology, formatted per AJPA guidelines.

Late Work (AKA turning in your lab assignment after it was due)

Usually lab work is completed in class. Sometimes the lab requires you to complete some work at home and turn in a typed assignment **the next time the class meets**. If you fail to turn in your lab the next time the class meets I will accept it late with the following deductions: 5 points for 1 day late, 10 points for 2 days late, 15 points for 3 days late. After 3 days the lab will not be accepted. Also these days are not class meeting days, they are consecutive days after the lab was due.

Course Schedule

Week	Day	Topics	Readings: White is W, Sampson is S
1	Jan 13 M Jan 15 W	1. Introduction 2. What is bone?	W16, 17 W1,2,3; S pgs 1-40
2	Jan 20 M Jan 22 W	No class MLK Jr. Day! 3. Neurocranium	W4 S pgs 40-98
3	Jan 27 M Jan 29 W	4. Neurocranium II 5. Viscerocranium	S pgs 40-98 S pgs 105-193
4	Feb 3 M Feb 5 W	6.Viscerocranium II *Lab 1*	S 105-193
5	Feb 10 M Feb 12 W	Practical Test #1 7.Dentition	W5, W p. 563, and Teeth handout
6	Feb 17 M Feb 19 W	*Lab 2 online/ no class* *Lab 2 online/ no class*	
7	Feb 24 M Feb 26 W	8.Dentition 9.Tooth formation	W6
8	Mar 2 M Mar 4 W	10.Vertebra column Practical Test #2	
☺	Mar 9 M	SPRING BREAK	SPRING BREAK
9	Mar 16 M Mar 18 W	11. Ribs 12. Shoulder	W7 W8
10	Mar 23 M Mar 25 W	13. Arm 14. Wrist	W9 W10
11	Mar 30 M Apr 1 W	15. Hand *Lab 3*	
12	Apr 6 M Apr 8 W	Catch up day/Study session Practical Test #3	
13	Apr 13 M Apr 15 W	16. Pelvis 17. Pelvis II	W11, 18 W 19
14	Apr 20 M Apr 22 W	18. Thigh & Leg 18. Thigh & Leg II	W12 W 20
15	Apr 27 M Apr 29 W	19. Hindfoot & Forefoot *Lab 4*	W13 W23
16	May 4 M May 6 W	Study Session Practical test #4	

Hermione's Tips for Success in Human Osteology

- Attend every class. Arrive on time and don't leave early. This is a hands-on class — you must come to every single class to do well.
- Attend as many lab study sessions as possible.
- Study every day. Draw bones. Make Notecards. Use skeletal anatomy apps (essential skeleton 4 is great). Create a study group. *On one of your usual library visits check out the skeleton and skull on reserve!* Make this class part of your daily life this semester and you will do well.
- Read the textbook chapters *both before and after class*.
- When in doubt, ASK the prof.
- Acquire a Time-turner... j/k all of them have been trapped in a time loop since 1996.



Diversity in the Classroom: Respect for cultural and human biological diversity are core concepts within the Social Sciences. In this course, each voice in the classroom has something of value to contribute to class discussion. Please respect the different experiences, beliefs and values expressed by your fellow students and instructor, and refrain from derogatory comments about other individuals, cultures, groups, or viewpoints. In this course we welcome individuals of all ages, backgrounds, citizenships, disabilities, education, ethnicities, family statuses, genders, gender identities, geographical locations, languages, military experience, political views, races, religions, sexual orientations, socioeconomic statuses, and work experiences.

Handling human skeletal remains in this course: During every class students will be expected to handle a reproduction skeleton or actual human skeletal remains. We will review a number of rules regarding the handling of skeletal remains to ensure they are not damaged during the class. Failure to observe these rules can result in the instructor asking students to leave the classroom, which may affect their grade and participation in the course.

UNIVERSITY RESOURCES, PROCEDURES, AND GUIDELINES

All University resources, procedures, and guidelines are available online through the A&M-Central Texas Canvas Learning Management System [<https://tamuct.instructure.com/>] in the modules section.

Academic Integrity.

Texas A&M University -Central Texas values the integrity of the academic enterprise and strives for the highest standards of academic conduct. A&M-Central Texas expects its students, faculty, and staff to support the adherence to high standards of personal and scholarly conduct to preserve the honor and

integrity of the creative community. Academic integrity is defined as a commitment to honesty, trust, fairness, respect, and responsibility. Any deviation by students from this expectation may result in a failing grade for the assignment and potentially a failing grade for the course. Academic misconduct is any act that improperly affects a true and honest evaluation of a student's academic performance and includes, but is not limited to, cheating on an examination or other academic work, plagiarism and improper citation of sources, using another student's work, collusion, and the abuse of resource materials. All academic misconduct concerns will be reported to the university's Office of Student Conduct. Ignorance of the university's standards and expectations is never an excuse to act with a lack of integrity. When in doubt on collaboration, citation, or any issue, please contact your instructor before taking a course of action. For more [information regarding the Student Conduct process](https://www.tamuct.edu/student-affairs/student-conduct.html), [https://www.tamuct.edu/student-affairs/student-conduct.html].

If you know of potential honor violations by other students, you may [submit a report](https://cm.maxient.com/reportingform.php?TAMUCentralTexas&layout_id=0), [https://cm.maxient.com/reportingform.php?TAMUCentralTexas&layout_id=0].

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