



Class Location & Time: Heritage Hall 318 (lab); M/W 9:30-10:45

Instructor: Christine Jones, PhD

Office: Heritage Hall 204C

Office Hours: By appointment, both face-to-face on campus or virtual via webex

Contact me: Bioarchjones@tamuct.edu

Catalog Course Description:

This course is an introduction to the anthropological study of human biology. Students will examine the basic anatomy of the human skeleton, evolutionary processes acting on human populations, non-human primate anatomy, the classification and ecology of primates, the primate paleontological record, and human variation and adaptation.

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.

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

SAFEZONE. SafeZone provides a public safety application that gives you the ability to call for help with the push of a button. It also provides Texas A&M University-Central Texas the ability to communicate emergency information quickly via push notifications, email, and text messages. All students automatically receive email and text messages via their myCT accounts. Downloading SafeZone allows access to push notifications and enables you to connect directly for help through the app. You can download SafeZone from the app store and use your myCT credentials to log in. If you would like more information, you can visit the [SafeZone](http://www.safezoneapp.com) website [www.safezoneapp.com].

To register SafeZone on your phone, please follow these 3 easy steps:

1. Download the SafeZone App from your phone store using the link below:
 - [iPhone/iPad](https://apps.apple.com/app/safezone/id533054756): [https://apps.apple.com/app/safezone/id533054756]
 - [Android Phone / Tablet](https://play.google.com/store/apps/details?id=com.criticalarc.safezoneapp)
[https://play.google.com/store/apps/details?id=com.criticalarc.safezoneapp]
2. Launch the app and enter your myCT email address (e.g. {name}@tamuct.edu)
3. Complete your profile and accept the terms of service

Required Textbooks and Materials

- Larsen, CS. 2022 Essentials of Biological Anthropology, 5th ed. WW Norton & Co. ISBN: 9780393876857
- Soluri, KE. & Agarwal, SC. 2020 Laboratory Manual and Workbook for Biological Anthropology. 2nd ed. WW Norton & Co. ISBN: 9780393680683
- Student LAB COAT. A reusable type of these is for sale in our bookstore. You can get them online inexpensively. If you are having trouble getting a lab coat please let me know ASAP.

Student Learning Objectives

Students will learn:

- Basic anatomy of the human species
- Non-human primate anatomy, classification and ecology
- How primatology informs our understanding of the human species
- Evolutionary processes acting on human populations through time
- How the fossil record contributes to our understanding of human evolution
- Human variation and adaptation

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, Monday, Jan 24.** 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:** Readings from the textbook are listed in the course schedule below.
3. **Exams (200 pts each):** There will be two exams that are mostly multiple choice but may contain a combination of multiple choice, fill in the blank or short answer style questions. Exams will cover textbook readings, films and assignments and are not cumulative. Study sheets will be provided for each exam.
4. **Lab Assignments (25 pts each)—due same day as lab:** Throughout the class we will be working on short lab assignments using your lab workbook in order to reinforce the concepts for each section. The dates of the labs are scheduled on the course schedule and are meant to be completed and turned in at the end of each lab day. You will need your lab workbook to complete these labs, but any other materials will be provided to you. Copies of lab assignments will be made available so students who have rented or wish to resell the workbook can do so.
5. **Quizzes (25 pts each)—due Sundays at 11:59 PM**
Students will complete weekly chapter quizzes on Canvas worth 25 points each. Reading quizzes are open book/ open notes and a student has multiple attempts to complete each quiz. Suggested due dates are provided so that students can remain on track with the material for each week, but students will be able to complete quizzes through the end of the semester at any time without a point deduction. Students should make sure to complete all quizzes before they close on May 13th at 11:59pm.

Coursework	Points
Exams (2 @ 200 pts each)	400
Labs (12 @ 25 pts each)	300
Quizzes (12 @ 25 pts each)	300
Total:	1000

Points	%	Grade
900 – 1000	90 – 100%	A
800 – 899	80 – 89%	B
700 – 799	70 – 79%	C
600 – 699	60 – 69%	D
0 – 599	0 – 59%	F

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.

COURSE SCHEDULE . Days we have in-class labs are highlighted. Lab days may be subject to rescheduling with advanced notice (check Canvas announcements regularly).

Week 1. What is Biological Anthropology?

Jan 17 M: MLK Jr. Day NO CLASS

Jan 19 W: Syllabus review; History of Evolutionary thought

- **Complete Lab safety quiz!**
- **Take Quiz:** Chapter 1 (This one is for practice only)

Readings from textbook: Ch. 1

Readings from workbook: Lab 1

Week 2. Principles of Evolution

Jan 24 M: Intro to the Principles of Evolution, **LAB 1: Scientific method**

Jan 26 W: Genetics 1

- **Take Quiz:** Chapter 2

Readings from textbook: Ch. 2

Readings from workbook: Lab 2

Week 3. Cellular and Mendelian genetics

Jan 31 M: Genetics 2; **LAB 3: Inheritance**

Feb 2 W: Modern synthesis & Forces of Evolution

- **Take Quiz:** Chapter 3

Readings from textbook: Ch. 3, Ch. 4 to pg 80

Readings from workbook: Lab 3

Week 4. Forces of Evolution & Human Variation

Feb 7 M: **LAB 4: Forces of evolution**

Feb 9 W: Human variation

- **Take Quiz:** Chapter 4

Readings from textbook: Finish Ch. 4, Ch. 5

Readings from workbook: Lab 4 and 8

Week 5. The skeleton & Intro to nonhuman primates

Feb 14 M: **LAB 6: Bones of the skeleton**

Feb 16 W: Nonhuman primates

- **Take Quiz:** Chapter 5

Readings from textbook: Finish Ch. 5, Ch. 6 to pg. 148

Readings from workbook: Lab 5 and 6

Week 6. Primates I

Feb 21 M: Survey of primates, **LAB 9: Classification**

Feb 23 W: **LAB 10: Living primates**

- **Take Quiz:** Chapter 6

Readings from textbook: Finish Ch. 6

Readings from workbook: Lab 9

Week 7. Primates II

Feb 28 M: Living primates: anthropoids

Mar 2 W: Primate ecology & sociality, **Lab 11: Primate behavior**

- **Take Quiz:** Chapter 7

Readings from textbook: Ch. 7

Readings from workbook: Lab 10 and 11

Week 8. Midterm exam

Midterm exam covers textbook chapters 1-7

Mar 7 M: **LAB 12: Comparative primate anatomy**; Study session/Review

Mar 9 W: **MIDTERM EXAM**

Readings from textbook: Review early readings to prepare for exam

Readings from workbook: Lab 12

Spring Break Week of March 14- March 18

Week 9. Fossil evidence

Mar 21 M: Fossil evidence

Mar 23 W: **NO CLASS TODAY.** Dating and Chronology LECTURE POSTED ONLINE

- **Take Quiz:** Chapter 8

Readings from textbook: Ch. 8, start Ch. 9

Readings from workbook: Lab 13

Week 10. Primate Evolution

Mar 28 M: Primate evolution

Mar 30 W: **LAB 13: Early primate evolution**

- **Take Quiz:** Chapter 9

Readings from textbook: Finish ch. 9

Readings from workbook: Lab 13

Week 11. Human lineage and Australopithecines

Apr 4 M: Australopithecines

Apr 6 W: Australopithecines cont'd; **LAB 14: Identifying Human lineage**

- **Take Quiz:** Chapter 10

Readings from textbook: Ch. 10, Ch. 11 to pg 289

Readings from workbook: Lab 14

Week 12: Intro to Genus Homo

Apr 11 M: Intro to Genus *Homo*

Apr 13 W: **LAB 15: Australopithecines and early genus Homo**

- **Take Quiz:** Chapter 11

Readings from textbook: Finish Ch. 11, Ch. 12 to pg 314

Readings from workbook: Lab 15

Week 13: Homo erectus and dispersal

Apr 18 M: Genus *Homo*, *Homo habilis* II

Apr 20 W: *Homo erectus* & dispersal

- No Quiz this week, or take Quiz 12 early

Readings from textbook: Ch. 12

Readings from workbook: Start Lab 16

Week 14: Neandertals and Middle Pleistocene Homo

Apr 25 M: Middle Pleistocene *Homo*

Apr 27 W: Neandertals

- **Take Quiz:** Chapter 12

Readings from textbook: Finish Ch. 12

Readings from workbook: Finish Lab 16

Week 15: Anatomically modern humans (AMH)

May 2 M: Anatomically modern humans (AMH)

May 4 W: **LAB 16: Later Genus Homo**

- **Take Quiz:** Chapter 13

Readings from textbook: Ch. 13

Readings from workbook: Lab 16

Week 16: Final Exam

May 9 M: Review session

May 11 W: **FINAL EXAM**

COURSE PROCEDURES AND 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. More than likely, a change in the syllabus will pertain to events in the Course Schedule. If so, a revised course schedule will be posted on CANVAS.

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.

Attendance & Recording Lectures Attendance is a requirement of this course to succeed. That said, I'm not taking attendance daily. This course is based heavily on lecture and I do not post my lecture notes online AT ALL either before or after each class. We also may briefly discuss readings during class, which is very helpful if you find them challenging. It's up to you to figure out what you missed if you did not attend class. A note on recording lectures: **I do not permit video recording of any part of my class.** You may record audio with my permission. I discourage the practice of taking photos of my slides. If you need me to slow down please raise your hand and I will do my best. You ALWAYS have the option of coming to office hours or seeing me after class to clarify your notes or go over slides for note taking purposes.

Makeup exams:

If you miss an exam, you can **request a makeup** within 1 week of the missed exam. The instructor will evaluate makeup requests for missed exams due to serious illness or another legitimate reason on a case-by-case basis. Simply making a request does not mean that you will be permitted to makeup the missed exam. For this class the makeup assignment for a missed exam is a 3-5 page paper assignment due within 2 weeks of the missed exam.

Late Work

Quizzes (not exams) will be accepted late without penalty. Late in-class labs are not accepted, you must be present at the lab in order to receive lab credit. The instructor will evaluate makeup requests for missed labs due to serious illness or another legitimate reason on a case-by-case basis, within 1 week of the missed lab. Simply making a request does not mean that you will be permitted to makeup the missed lab. For this class the makeup assignment for a missed lab will be an assignment equivalent to the missed lab assignment selected by the instructor.

Academic dishonesty

Academic dishonesty will not be tolerated. Any student caught plagiarizing will receive a 0 (zero) for that assignment and may be referred to the university for further discipline. A second incident of plagiarism or other form of academic dishonesty will result in a failing grade for the course and a referral to the university for further discipline.

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.

Copyright Notice.

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