PREVIEW SYLLABUS – SUBJECT TO REVISION!
Bioarchaeology: Human Remains in Archaeology
ANTH / BIOL 4459.001 / ANTH / BIOL 4459.002 (lab)
Spring 2019

INSTRUCTOR:  Dr. Naomi Cleghorn
Dept. of Sociology and Anthropology, Room 421
Email: Cleghorn@uta.edu
Faculty Profile: https://mentis.uta.edu/explore/profile/naomi-cleghorn
Department Phone: 817-272-2661 (email is a better way to contact me)
Office Hours: Thursday 10 am - 1 pm
(but please make an appointment, as I may step out to get lunch)

CLASS MEETS:  Tuesday and Thursday 2:00 pm - 4:20 pm, University Hall 468

COURSE DESCRIPTION:
Bioarchaeology is the study of human remains from archaeological contexts. Bioarchaeologists attempt to reconstruct individual identity and life history (including growth and development, health, nutrition, work, migration, family affiliation, and cause of death). This is a method-oriented class that combines lecture and lab work.

STUDENT LEARNING OUTCOMES:
Upon completion of the course, students will be able to:
• Describe and apply basic techniques of life history reconstruction and individual identification.
• Identify a range of pathologies and traumas in human remains.
• Explain some of the current issues and debates in bioarchaeology.

PREREQUISITES:
There are no formal prerequisites for this course. However, a familiarity with human osteology is very helpful. Students lacking this preparation should plan to spend additional time in independent study of the human skeleton. This is in addition to the typical time spent preparing for each class. If you have any questions about preparation, please contact the instructor.
REQUIRED TEXTS: (4 BOOKS)

  By Simon Mays ($16.55 to rent)

- Paleopathology in Perspective, 2015
  By Elizabeth Weiss (~$40 - $50 used)

- Any human osteology reference with good photos and labeled bone landmarks.
  I recommend: The Human Bone Manual by White and Folkens ($18 to rent)

- Standards for Data Collection from Human Skeletal Remains, 1994
  By Jane Buikstra and Douglas Ubelaker (~$55 used)

Note - this last one is usually not available through the bookstore. I suggest you buy it on-line. If you have difficulty obtaining this, I have a lab copy you can work with.

REQUIREMENTS & EXPECTATIONS

IMPORTANT DATES:

<table>
<thead>
<tr>
<th>Assignments &amp; Assessments</th>
<th>Date</th>
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<tbody>
<tr>
<td>Human Osteology Quiz</td>
<td>January 26th</td>
</tr>
<tr>
<td>2 online quizzes</td>
<td>Week 3 before February 1</td>
</tr>
<tr>
<td>3 Annotated References &amp; Plagiarism Quiz</td>
<td>February 7th</td>
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<tr>
<td>3 Annotated References</td>
<td>February 14th</td>
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<tr>
<td>Age &amp; Sex Lab Completed</td>
<td>February 19th</td>
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<tr>
<td>3 Annotated References</td>
<td>February 21st</td>
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<tr>
<td>Craniometric &amp; Stature Lab Completed</td>
<td>February 28th</td>
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<tr>
<td>Midterm</td>
<td>March 7th</td>
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<tr>
<td>Dental Lab Completed</td>
<td>April 4th</td>
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<tr>
<td>Trauma Lab Completed</td>
<td>April 11th</td>
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<tr>
<td>Cemetery Lab Due</td>
<td>April 25th</td>
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<tr>
<td>Bioarchaeology / Forensic Anthropology Presentations</td>
<td>April 30th &amp; May 2nd</td>
</tr>
<tr>
<td>Final Exam / Osteobiography Poster</td>
<td>May 7th (2 - 4:30 pm)</td>
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DETAILED REQUIREMENTS AND GRADE PERCENTAGES:

30% Lab Participation & Completion
Over the course of the semester we will have 5 laboratory projects that will provide you with some practical analytical experience. These will include in-class, outdoor, and take-home analyses. In addition, there will be several graded quizzes (both in class and online). Each of these assignments is equally weighted, although they may require different amounts of time. Note that students who have passed a human osteology course are exempt from the lab participation grade of the first two weeks. However, they must still take the quiz.

The following is an approximate rubric for how laboratory participation and completion will be scored for each individual lab. I will not score the labs for accuracy – mastering the skill is your responsibility. However, the skills covered in lab will be included in both the midterm and final.

<table>
<thead>
<tr>
<th>Data collection activity in lab</th>
<th>Completion (final)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active (10)</td>
<td>Full (10)</td>
</tr>
<tr>
<td>Moderate (5)</td>
<td>Partial (5)</td>
</tr>
<tr>
<td>Minimal / Absent (1 - 0)</td>
<td>Missing (0)</td>
</tr>
</tbody>
</table>

20% Midterm exam: Includes a written and practical component.

15% Osteobiography Poster:
Each student (or group of up to 3 students) will prepare an osteobiography on one of the laboratory skeletons, providing an overall picture of that individual’s age, sex, stature, health, evidence of trauma, pathology and any other details relevant to your skeleton. You will collect this information in conjunction with the associated labs. You will prepare a finished professional poster on your osteobiography, including photo documentation, and submit this in an electronic version by April 19th. The final printed version is due May 2nd. Posters can be printed for less than $6 at the UTA Central Library. However, please note that printing at the end of the semester can take time, as many students do this. Get your electronic version into the library a week and a half in advance (or about April 19). If you fail to print, your grade will be reduced by 10% (of the poster grade).

15% Bioarchaeology / Forensic Anthropology Research Presentation:
Each student will choose a research topic in the first 2 weeks of class, and will be expected to begin the research process early in the semester. Students will compile an annotated bibliography over the course of February (see related due dates for references), with a minimum of 9 scholarly sources (scholarly books or peer review journal article). Do not rely on web sources such as Wikipedia or similar sites -
these are not reliable, and will not count toward your references. Ask me if you are uncertain about a source. If you are unsure how to find such sources, contact me and/or the Anthropology Reference Librarian. When preparing your annotated bibliography please see the following link for guidance. https://owl.english.purdue.edu/owl/resource/614/01/. When researching and writing this presentation, I highly recommend Zotero (which is free). If you have not done this before, talk to me as soon as possible and I will give you a tutorial. Failing to use a reference manager in the preparation of your annotated bibliography or paper could impact your grade!

The final presentation will be about 10 minutes long, and will be due April 30th or May 2nd. Course grade values of each part of this assignment break down as follows: 7% annotated research bibliography, 8% presentation - including clarity of oral and slide presentation (these are out of the 15% of the whole, and are percentages of the total course grade).

20% Final Exam: This is cumulative (with an emphasis on the second half of the course) and includes both written and practical portions.

ATTENDANCE / PARTICIPATION:

Attendance is voluntary, however, if there is a laboratory in progress, you will be graded on your participation as noted above.

RECOMMENDATION REQUESTS:

If you plan to ask me for a recommendation for employment, graduate school, or any other endeavor upon completion of this course, note that I have the following minimum requirements:

- Grade of A or B (depending on the scholarly requirements of the recommendation).
- Excellent attendance and participation in both class and lab.
- Ask me for the request at least 2 weeks in advance.

ONE MORE REQUIREMENT     -- Due February 7th --

On-line Plagiarism Tutorial:
You must complete the tutorial to get credit for written work. I will not begin to grade these assignments until you have passed this quiz, and your assignment will incur late penalties as a result. Failure to complete this could result in complete loss of credit for some assignments.

~ALSO~
If you violate the standards of academic integrity described on the Office of Student Conduct site, and in the tutorial, you will fail the course. Be sure to read through the tutorial carefully!

- Go to the web site of the Office of Student Conduct:
  - [http://www.uta.edu/conduct/academic-integrity/index.php](http://www.uta.edu/conduct/academic-integrity/index.php)
- Review the UTA policies on Academic Integrity.
- Click on the link to the Plagiarism Tutorial.

  **You must pass this with a score of 100%**  
  in order to get credit for the tutorial.

  (The site itself will tell you that 70% is passing, but we have higher expectations in anthropology).

You may take the tutorial as many times as you require to achieve 100% accuracy. Please enter your first and last name when prompted by the test. At the conclusion of a successful test, **you must have the test email your results to me** – I will not give you credit unless I receive the email from the test. I generally send out an email acknowledging receipt. If you don’t get this within 3 days, check in with me.

If you’ve done this for me before, please do it again. Review never hurts.

**Grade Scale:**

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
</tr>
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<tbody>
<tr>
<td>90% and greater</td>
<td>A</td>
</tr>
<tr>
<td>80% to 89%</td>
<td>B</td>
</tr>
<tr>
<td>70% to 79%</td>
<td>C</td>
</tr>
<tr>
<td>60% to 69%</td>
<td>D</td>
</tr>
<tr>
<td>Less than 60%</td>
<td>F</td>
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</tbody>
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* A .5% is rounded to next higher grade.
1. ACADEMIC INTEGRITY POLICY:

Make sure all your work is the product of **YOUR BRAIN**!

As a student of the University of Texas at Arlington, you are expected to maintain the highest standards of academic integrity. Any instance of academic dishonesty will have a significant negative impact on your scholastic record, not to mention your grade in this class.

Discipline may include a failing grade for the class together with either suspension or expulsion from the University of Texas. Also, academic misconduct will be reported to the Office of Student Conduct.

The Board of Regents has defined academic dishonesty as follows: “Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.” (Regents’ Rules and Regulations, Series 50101, Section 2.2).

All students enrolled in this course are expected to adhere to the UT Arlington Honor Code:

> I pledge, on my honor, to uphold UT Arlington’s tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.

> I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.

From the Provost: “UT Arlington faculty members may employ the Honor Code in their courses by having students acknowledge the honor code as part of an examination or requiring students to incorporate the honor code into any work submitted. Per UT System Regents’ Rule 50101, §2.2, suspected violations of university’s standards for academic integrity (including the Honor Code) will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with University policy, which may result in the student’s suspension or expulsion from the University. Additional information is available at [https://www.uta.edu/conduct/](https://www.uta.edu/conduct/).”

2. LATE WORK POLICY:

Assignments are graded down 10% of their value per day after the due date.

3. MAKE-UP TEST POLICY:

There are no make-up exams or quizzes, with the exception of the final exam. If emergency circumstances prevent a student from taking the mid-term, those points will be re-distributed to the final exam (making the final worth 40% of the grade). This situation should be avoided at all costs, as it will result in a stressful end to the semester. If a student fails to take the final exam, they should contact the instructor immediately. A make-up test will be offered only in exceptional circumstances, and **no make-up test will be offered in the event that the student also failed to take the mid-**
**term exam.** In the event that the instructor agrees to offer a make-up final exam, the student must agree to the schedule set by the instructor.

There are also no make-up quizzes. However, the two lowest quiz grades will automatically be dropped.

4. **ATTENDANCE POLICY:** Be there on time! Yes – I take attendance.

Attendance and punctuality are expected and monitored (see above). Walking in late is rude and distracting – don’t do it! Students will be marked as absent if they enter the classroom after lecture has begun, or use a cell phone or any electronic communication device during class. If you leave early, I will also note this – unless you clear it with me first.

The Provost’s Office would like me to add: “At The University of Texas at Arlington, taking attendance is not required but attendance is a critical indicator in student success. Each faculty member is free to develop his or her own methods of evaluating students’ academic performance, which includes establishing course-specific policies on attendance. However, while UT Arlington does not require instructors to take attendance in their courses, the U.S. Department of Education requires that the University have a mechanism in place to mark when Federal Student Aid recipients “begin attendance in a course.” UT Arlington instructors will report when students begin attendance in a course as part of the final grading process. Specifically, when assigning a student a grade of F, faculty report the last date a student attended their class based on evidence such as a test, participation in a class project or presentation, or an engagement online via Blackboard. This date is reported to the Department of Education for federal financial aid recipients.”

5. **ELECTRONIC COMMUNICATION POLICY:**

I expect you to check your UTA email daily during the week!

A note from the Provost on communication: “UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades, graduation, etc. All students are assigned a MavMail account and are responsible for checking the inbox regularly. There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at http://www.uta.edu/oit/cs/email/mavmail.php.”

To obtain your NetID or for logon assistance, visit: [https://webapps.uta.edu/oit/selfservice/](https://webapps.uta.edu/oit/selfservice/).

If you are unable to resolve your issue from the Self-Service website, contact the Helpdesk at helpdesk@uta.edu.

6. **BLACKBOARD POLICY:**

I use Blackboard for this course. Check it often for assignments, instructions, announcements, and to monitor your progress.
7. CLASSROOM ELECTRONIC DEVICE POLICY:

From my perspective, when I lecture I am in a conversation with you. Granted, I tend to do much of the talking, but it’s a conversation, nevertheless. When you start texting in the middle of lecture, it’s exactly as if you were texting in the middle of a one-on-one conversation with me – which is both rude and really distracting. So don’t even have your cell phone out in class. If you need to leave it on vibrate for emergency calls, discuss this with me before class.

I also do not allow laptops in lecture – unless you have a special waiver from the Office for Students with Disabilities. During labs, you may use a tablet or laptop to reference digital anatomical sources or to take notes, and you may use your phone to take photos (although generally, this isn’t a good use of time). You may not use lab time to check email, facebook, text, etc. This is a waste of the time you paid for.

8. NON-DISCRIMINATION & TITLE IX POLICY:

As stated by the Provost’s Office:

“The University of Texas at Arlington does not discriminate on the basis of race, color, national origin, religion, age, gender, sexual orientation, disabilities, genetic information, and/or veteran status in its educational programs or activities it operates. For more information, visit uta.edu/eos.”

“The University of Texas at Arlington (“University”) is committed to maintaining a learning and working environment that is free from discrimination based on sex in accordance with Title IX of the Higher Education Amendments of 1972 (Title IX), which prohibits discrimination on the basis of sex in educational programs or activities; Title VII of the Civil Rights Act of 1964 (Title VII), which prohibits sex discrimination in employment; and the Campus Sexual Violence Elimination Act (SaVE Act). Sexual misconduct is a form of sex discrimination and will not be tolerated. For information regarding Title IX, visit www.uta.edu/titleIX or contact Ms. Jean Hood, Vice President and Title IX Coordinator at (817) 272-7091 or jmhood@uta.edu.”

9. DROP POLICY:

The last day to drop a class is November 1st, by 4 pm.
The Provost’s Office states:

“Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. Students will not be automatically dropped for non-attendance. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. For more information, contact the Office of Financial Aid and Scholarships (http://wweb.uta.edu/aaofao/).”

10. AMERICANS WITH DISABILITIES ACT POLICY:

Contact me early in the semester if you need special accommodation.

All tests taken in the ARC need to be scheduled well in advance.

Note: This class format includes timed station quizzes. If you need special accommodation, we will need to work this out at the beginning of the semester as these quizzes must be taken in room 468.

Please inform me if you have a disability requiring special consideration for classes and exams, and provide me with the relevant paperwork during the first two weeks of class. If you need to take any tests or exams in the Office for Students with Disabilities (UH 102), please note that these must be scheduled with both the instructor and that office at least a week in advance. It is possible (and preferable) to set up this schedule near the beginning of the semester.

The University’s policy as stated by the Provost is as follows:

UT Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including The Americans with Disabilities Act (ADA), The Americans with Disabilities Amendments Act (ADAAA), and Section 504 of the Rehabilitation Act. All instructors at UT Arlington are required by law to provide “reasonable accommodations” to students with disabilities, so as not to discriminate on the basis of disability. Students are responsible for providing the instructor with official notification in the form of a letter certified by the Office for Students with Disabilities (OSD). Only those students who have officially documented a need for an accommodation will have their request honored. Students experiencing a range of conditions (Physical, Learning, Chronic Health, Mental Health, and Sensory) that may cause diminished academic performance or other barriers to learning may seek services and/or accommodations by contacting: The Office for Students with Disabilities, (OSD) www.uta.edu/disability or calling 817-272-3364. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at www.uta.edu/disability.

Counseling and Psychological Services (CAPS) www.uta.edu/caps/ or calling 817-272-3671 is also available to all students to help increase their understanding of personal issues, address mental and behavioral health problems and make positive changes in their lives.
11. STUDENT FEEDBACK SURVEY

Please fill out the feedback survey!!

The Provost adds: “At the end of each term, students enrolled in face-to-face and online classes categorized as “lecture,” “seminar,” or “laboratory” are directed to complete an online Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student’s feedback via the SFS database is aggregated with that of other students enrolled in the course. Students’ anonymity will be protected to the extent that the law allows. UT Arlington’s effort to solicit, gather, tabulate, and publish student feedback is required by state law and aggregate results are posted online. Data from SFS is also used for faculty and program evaluations. For more information, visit http://www.uta.edu/sfs.”

12. FINAL REVIEW WEEK POLICY

As stated by the Provost’s Office: “for semester-long courses, a period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week unless specified in the class syllabus. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.”

13. EMERGENCY EXIT PROCEDURES:

Know your exit routes! To reach the nearest stairwell, exit the room, turn right, go straight past the elevators, and turn left. Alternatively, there is another stairwell on the east end of the building (exit the room, turn left, continue to the end of the hall, turn right). When exiting the building during an emergency, one should never take an elevator but should use the stairwells. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist mobility-impaired individuals.

14. CAMPUS CARRY: From the Provost: “Effective August 1, 2016, the Campus Carry law (Senate Bill 11) allows those licensed individuals to carry a concealed handgun in buildings on public university campuses, except in locations the University establishes as prohibited. Under the new law, openly carrying handguns is not allowed on college campuses. For more information, visit http://www.uta.edu/news/info/campus-carry/”

COURSE SUPPORT SERVICES

(Get Help – Get a better grade!)

OFFICE HOURS

Come see me if you’re having trouble with the class. If you can’t come to my office hours, email me to make an appointment.
TUTORING

The IDEAS Center (2nd Floor of Central Library) offers free tutoring to all students with a focus on transfer students, sophomores, veterans and others undergoing a transition to UT Arlington. To schedule an appointment with a peer tutor or mentor email IDEAS@uta.edu or call (817) 272-6593.

STUDENT SUPPORT SERVICES AVAILABLE:

UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or view the information at http://www.uta.edu/universitycollege/resources/index.php.

University Tutorial & Supplemental Instruction (Ransom Hall 205): UTSI offers a variety of academic support services for undergraduate students, including: 60 minute one-on-one tutoring sessions, Start Strong Freshman tutoring program, and Supplemental Instruction. Office hours are Monday-Friday 8:00am-5:00pm. For more information visit www.uta.edu/utsi or call 817-272-2617.

The IDEAS Center (2nd Floor of Central Library) offers FREE tutoring to all students with a focus on transfer students, sophomores, veterans and others undergoing a transition to UT Arlington. Students can drop in, or check the schedule of available peer tutors at www.uta.edu/IDEAS, or call (817) 272-6593.

The English Writing Center (411LIBR): The Writing Center offers FREE tutoring in 15-, 30-, 45-, and 60-minute face-to-face and online sessions to all UTA students on any phase of their UTA coursework. Register and make appointments online at https://uta.mywconline.com. Classroom visits, workshops, and specialized services for graduate students and faculty are also available. Please see www.uta.edu/owl for detailed information on all our programs and services.

The Library’s 2nd floor Academic Plaza offers students a central hub of support services, including IDEAS Center, University Advising Services, Transfer UTA and various college/school advising hours. Services are available during the library’s hours of operation. http://library.uta.edu/academic-plaza

LIBRARY library.uta.edu

RESOURCES FOR STUDENTS

Research or General Library Help

Academic Plaza Consultation Services library.uta.edu/academic-plaza
Ask Us ask.uta.edu/
Library Tutorials library.uta.edu/how-to
Subject and Course Research Guides libguides.uta.edu
Librarians by Subject library.uta.edu/subject-librarians
Research Coaches http://libguides.uta.edu/researchcoach

Resources

A to Z List of Library Databases libguides.uta.edu/az.php
Course Reserves pulse.uta.edu/vwebv/enterCourseReserve.do
FabLab fablab.uta.edu/
Scholarly Communications (info about digital humanities, data management, data visualization, copyright, open educational resources, open access publishing, and more) http://library.uta.edu/scholcomm
Special Collections library.uta.edu/special-collections
Study Room Reservations openroom.uta.edu/
Teaching & Learning Services for Faculty
Copyright Consultation library-sc@listserv.uta.edu
Course Research Guide Development, Andy Herzog amherzog@uta.edu or your subject librarian
Data Visualization Instruction, Peace Ossom-Williamson peace@uta.edu
Digital Humanities Instruction, Rafia Mirza rafia@uta.edu
Graduate Student Research Skills Instruction, Andy Herzog amherzog@uta.edu or your subject librarian
Project or Problem-Based Instruction, Gretchen Trkay gtrak@uta.edu
Undergraduate Research Skills Instruction, Gretchen Trkay gtrak@uta.edu or your subject librarian.
OTHER RESOURCES
Environmental Health & Safety (http://www.uta.edu/ehsafety)
WHAT TO DO AND WHEN TO DO IT

(Subject to revision)

Readings should be completed by the beginning of class on the date given in the schedule.

Readings other than those from Mays, Buikstra & Ubelaker, or Weiss will be provided via Blackboard.

Week 1:
January 15th: Introduction to Bioarchaeology
Lab: Introduction to Human Osteological materials

January 17th: Osteology of the human skull
Read: Mays chapter 1
Review Human Osteology guide as needed (Chapter 7 & 8)

Week 2:
January 22nd: Osteology of the post-cranial skeleton
Read: Weiss pages 1 - 5
Review Human Osteology guide as needed (Chapters 9 - 16)

January 24th: Osteology of the post-cranial skeleton
Review Human Osteology guide as needed (Chapters 9 - 16)

Human Osteology Quiz – January 24th

Week 3: No lab this week. Class lectures via Blackboard.

January 28th: Bone Biology
Read: White et al. chapter 4 in the Human Bone Manual, or chapter 3 in the Human Osteology guide (chapter on Bone Biology and Variation)

After watching lecture take the Blackboard quiz on lecture and reading.

January 31st: Humans after death: decay, preservation, and mortuary treatment
Read: Mays chapter 2

After watching lecture take the Blackboard quiz on lecture and reading.
Week 4:
February 5\textsuperscript{th}: Determining sex from the bones and dentition
Read: Mays chapter 3, pages 40 - 50,
Read: Buikstra & Ubelaker chapter 2, chapter 3 pages 15 - 21.

Sex Laboratory

February 7\textsuperscript{th}: Determining age of adults
Read: Mays chapter 3, pages 59 - 71
Read: Buikstra & Ubelaker chapter 3, pages 21 - 38.

Adult age Laboratory

February 7\textsuperscript{th}:
3 Annotated References Due
Plagiarism Tutorial Due

Week 5:
February 12\textsuperscript{th}: Determining age of juveniles
Read: Mays chapter 3, pages 51 - 59
Read: Buikstra & Ubelaker chapter 4, see illustrations on pages 50 & 51

Juvenile age Laboratory

February 14\textsuperscript{th}: Skull shape: Metric and Non-metric Variation in the Skull
Read: Mays chapter 4 & 6
Read: Buikstra & Ubelaker Chapter 7, pages 69 - 78, Chapter 8, pages 85 - 93

Craniometric Lab

February 14\textsuperscript{th}:
3 Annotated References Due

Week 6:
February 19\textsuperscript{th}: Stature Estimation
Read: Mays chapter 5
Read: Buikstra & Ubelaker Chapter 7, pages 79 - 84

Stature Lab
February 21st: Introduction to Paleopathology
   General Bone Health
   Read: Mays chapter 7, Weiss chapter 3, Buikstra & Ubelaker chapter 10

Pathology Lab 1

February 21st:
   3 Annotated References Due

Week 7:
   February 26th: Paleopathology of the spine and joints
      Read: Weiss chapters 5 & 6
      Pathology Lab 2

   February 28th: Skeletal Pathology of Infectious Disease
      Read: Weiss chapter 8
      Pathology lab 3

Craniometric and Stature Lab Completed – February 28th

Week 8:
   March 5th: Skeletal Pathology of Cancer and Congenital Disorders
      Read: Weiss chapter chapter 9
      Midterm review lab

March 7th: Midterm Exam – practical and written

Week 9: --------------SPRING BREAK!!!--------------
Week 10:
March 19th: Adult and Juvenile Dentition Recording and Measurement
   Read: White et al., Chapter 8, Buikstra & Ubelaker chapter 6

   Dental Lab 1

March 21st: Dental Health and Pathology
   Read: Mays chapter 8, Weiss chapter 7
   Read: Buikstra & Ubelaker chapters 5

   Dental Lab 2

Week 11:
March 26th: Dental Health and Wear
   Read: Buikstra & Ubelaker chapter 5

   Dental Lab 3

March 28th: Trauma and the skeleton
   Reading: Mays chapter 9, Weiss chapter 4

   Trauma Lab 1

Week 12:
April 2nd: Trauma continued

   Trauma Lab 2

April 4th: Childhood Injury
   Reading: Weiss chapter 4

Dental Lab Completed – April 4th

Week 13: NO LAB THIS WEEK, Classes meet 2 to 3 pm.

April 9th: Isotopic Analysis & DNA from archaeological contexts
   Guest Lecture: Elizabeth Nelson
   Read: Mays chapters 10 & 11
April 11th: Race concepts and the skeleton
Guest Lecture: Dr. Shelley Smith
Reading: TBA

Trauma Lab Completed – April 11th

Week 14:
April 16th: Space and Place of the Dead & Archaeological Contexts of Human Remains,
Cremated remains
Read: May chapter 12, Silverman 2002

Cemetery Project! Day 1 (outdoors)

April 18th: Cemetery Project! Day 2 (outdoors – full class period)

Osteobiography Posters – electronic version Due April 19th

Week 15:
April 23rd: Excavation and Curation of Human Remains
Mays chapter 2
Ethics, repatriation, and legal issues
Reading: Mays chapter 13

April 25th: The Osteological Paradox –
Final thoughts on understanding health in past and the importance of bioarchaeology for
understanding human health today.
Reading: See Blackboard

Cemetery Project Completed – April 25th
Week 16th:

April 30th:  **Student Presentations**

May 2nd:  **Student Presentations**

Osteobiography Posters – print version Due May 2nd

May 7th (Tuesday):  Final Exam  ---  2 – 4:30 pm