Advanced Human Osteology

ANG6520c – SPRING 2021

Department of Anthropology, College of Sciences, University of Central Florida

Instructor Contact

Instructor	**Dr. J. Marla Toyne**
Meeting Time/Location	**Tuesday 2:00-5:50pm, MSB 149 F2F --- Lecture and Lab**
Office	**Howard Phillips Hall, 409R**
Office Hours	**Monday 4:00-6:00pm or by appt**
Lab Hours	**Weds 1:00-3:00pm or by appt**
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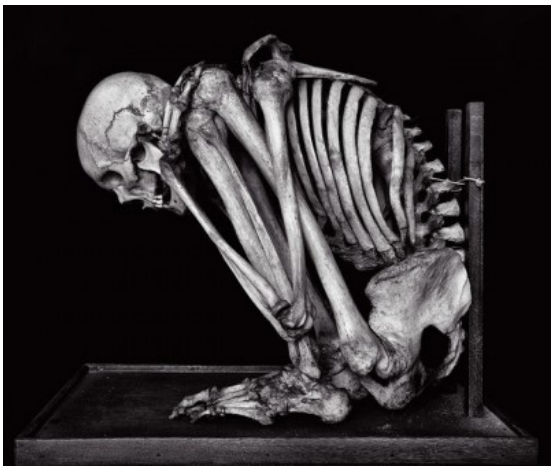

I. Welcome

II. University Course Catalog Description

Advanced seminar on methods and theory pertaining to the study of the human skeleton.

III. Course Description

This course develops an in-depth study of the methods used for the analysis of human remains from archaeological contexts that are also applicable to those encountered in forensic contexts. It consists of a consideration of the history of research methods in skeletal biology, pathological processes, and the biological anthropological techniques employed in the analysis of the human skeletal material with emphases on the metric and non-metric characterization of skeletal and dental shape and size, and the application of demographic reference standards for age and sex determination and population affinity. The aim of this course is to provide the student with the knowledge to assess human remains at both individual and population levels and to interpret the pathological and demographic data in the light of their archaeological or forensic context. It also provides an introduction to the means by which to investigate human health and well-being of past human groups through an emphasis on the identification, description, and recording of pathological, traumatic, and degenerative changes in human skeletal remains. Classes will consist of seminar discussions, short lectures, and hands-on lab exercises to provide experience in working with adult and juvenile skeletal remains.

IV. Course Objectives

- To develop an understanding of current (traditional) and innovative methodology in bioarchaeological anthropology;
- To increase knowledge about science-based approaches within the field of osteoarchaeology;
- To practice basic human osteological identification, data collection, and reporting skills;
- To develop professional presentation and discussion skills;

- To review the literature (original and recent) to develop critical thinking skills in research.

V. Learning Objectives

With diligent effort, the student should be able to do the following at the completion of this course.

- To develop competency in skeletal identification and analysis.
- To explore different data collection strategies for various types of osteological data.
- To identify and record various types of skeletal and dental characteristics and common pathological conditions.
- To consider the value of individual and population based approaches to studying skeletal collections, analytical methods, and connect data to higher order questions of anthropological interest.

VI. Course Prerequisites

Admission to Anthropology MA, Integrative Anthropological Sciences PhD, or C.I.

VII. Course Credits

3 credit hours

VIII. Course Requirements

- Regular attendance and participation in course lectures, discussions, and laboratory activities.
- Submission of laboratory assignments, written assignments, final paper, and individual in class research presentation according to protocols.
- Each class will include a weekly Discussion and Lab component.

Seminar and Lab Structure:

Graduate seminars are discussion-driven and aim to create a forum for interactive in-depth analysis of texts and concepts. Occasionally, short overviews of the week's topic will be provided in a lecture style format, while discussions will focus on specific readings assigned for that week.

Lab practical activities will be demonstrated and discussed. It may be necessary to complete activities and collect data independently.

IX. RECOMMENDED Texts

Required Textbook:

- Nikita, E. (2017). *Osteoarchaeology : A guide to the macroscopic study of human skeletal remains*. New York: Academic Press.
  - **Hardcover ISBN:** 9780128040218 | **eBook ISBN:** 9780128040973
  - https://eds.b.ebscohost.com/eds/detail/detail?vid=2&sid=78dc0a0f-0990-4d02-ab83-21ec59302766%40pdc-v-sessmgr05&bdata=JnNpdGU9ZWRzLWxpdmUmc2NvcGU9c2l0ZQ%3d%3d#AN=ucfl.PDA007945448&db=cat00846a
- Grauer, A.L. (Ed.) (2012). *A companion to paleopathology*. New York: Wiley-Blackwell.
  - **Print ISBN**:9781444334258 |**Online ISBN**:9781444345940
  - https://ebookcentral.proquest.com/lib/ucf/detail.action?docID=819322

Required Manuals:

- **Buikstra** JE, and Ubelaker DH, editors. 1994. **Standards** for Data Collection from Human Skeletal Remains. Fayetteville: Arkansas Archaeological Survey.

Highly, highly Recommended Manuals:

- **Baker**, B.J., Dupras, T.L., & Tocheri, M.W. (2005). *The osteology of infants and children*. College Station: Texas A&M University Press.
- **Bass**, W.M. (1994). *Human osteology: A laboratory and field manual of the human skeleton.* Columbia, Missouri: Missouri Archaeological Society Special Publications. (A classic)
- **DiGangi, E.A., & Moore, M.K.** (Eds.). (2012). *Research methods in human skeletal biology*. New York: Academic Press.
- **Katzenberg, M.A., & Grauer, A.L.** (Eds.). (2019). *Biological anthropology of the human skeleton* (3rd ed.). New York: Wiley-Liss.
- **White, T.D., & Folkens, P.A.** (2005). *The human bone manual*. Amsterdam ; Boston: Elsevier Academic.

Weekly Supplemental Readings

- Additional readings will be assigned weekly pertaining to specific topics to be discussed. See the weekly schedule and reading list posted.
- Additional important website or news reports will be linked to the course Webcourses.
- Students will also be required to independently find resources and present materials to the class.

X. EVALUATION

Grades will be based on a student's scores weighed in the following:

Article Discussion and Participation:	15% (Weekly discussions)
Lab Activities:	35% (In class lab exercises)
Weekly Annotations:	10% (Annotated bibliography)
Research Methods Paper:	25% (20 page research paper)
Research Presentation:	15% (In class presentation)
Total	100%

Grading Scale (%)

100-95	A	86-84	B	76-74	C	66-64	D
94-90	A-	83-80	B-	73-70	C-	63-60	D-
89-87	B+	79-77	C+	69-67	D+	59-0	F

Reminder: Graduate Students should be aware that a minimum of a B is required to demonstrate adequate progress in a graduate level course and for this course to count towards your degree and graduation.

XI. LEARNING ASSESSMENT

Participation:

Regular attendance and participation in class and assignments are required. Attendance will be recorded. The broad variety of topics discussed in this course makes regular attendance critical in achieving an exemplary grade in this course. This is a labor intensive, lab intensive course. The more hands-on, touchy-touch the bones time you spend, the more you will get out of this. The more variation you see, including photographs of different cases, conditions, and diagnoses, the better you will understand the possibilities and processes affecting skeletal remains.

Everyone will be coming into this class with varying levels of experience and recognize that as a small group you will be evaluated on your individual progress based on how far you have come in the class rather than in comparison with others. Even I will be better at the end of the semester as well. That is because I will be spending a ton of time in the lab working with you. I also expect you to work with each other. Most particularly I expect those with a stronger background to work with those less well prepared. At the end of the day these things will determine a great portion of your grade. However, you are independently responsible for your own observations and data collection, no data sharing.

Weekly Seminar Discussions:

Each week will include a topical discussion of a series of 3-4 assigned readings. Everyone will be responsible for reading and annotating (see below) each article or chapter, but a specific student will volunteer each week to LEAD the discussion. On weeks that we have a Bring/Find, **the discussant** will post to the class new readings and incorporate a summary and critical discussion of the NEW articles they found and contributed to the broader discussion. Everyone is expected to read the new articles and annotate them as well. Those leading the discussion will have to submit a topical outline to me via email the night before class (24 hrs) just to make sure that the major points will covered. Since it is meant to be a conversation among scholars, powerpoints or handouts are not necessary, unless there is some relevant diagram or model that you would like to share. Additional suggestions for seminar leadership are provided on Webcourses.

Annotations:

Annotations are **critical summaries** of important bibliographic sources. Each week for every article/reading posted for class you will need to complete annotations. On the weeks that there are Bringing/Finding a new article you will include that as well. Each annotation must start with the correct bibliographic formatting of the source followed by the annotation.
Lab readings – i.e. **Standards** are not to be annotated but may become part of the discussion if relevant. See Webcourses for more information about formatting and suggestions for annotations.

Lab Assignments:

12 short written lab assignments will be submitted weekly during this course. These assignments are designed to provide a student with critical thinking exercises as well as hands-on experience in the osteological data recording techniques. You must attend class in order to complete these assignments based on lab materials. Assignments will be due online by **Tuesday at 12pm noon** of the following week before the next class.

TOOLS for Lab Work

Students are required to bring hardcopies of their textbook manuals to each lab (Buikstra/Ubelaker 1994). Other practical laboratory resource materials will be available for laboratory examination, demonstration, and revision and will include:

- Human skeletal material (original and replicas), including crania and postcranial bones, juvenile bones, bones demonstrating traumatic and pathological modifications, and loose human teeth.
- Reference casts and plastic models of human skeletal material used for age, sex, and nonmetric trait determination.
- Selective osteometric equipment.
- Demonstration radiographic material.
- Osteology reference guides (White/Folkens 2001, Baker et al. 2005, etc.).

- Library and Web based reference material.

Research Paper

Each student is required to submit an advanced (~15-20 pages) term paper on a topic in Human Osteology. The instructor MUST approve the paper topics in advance of the submission date **(Topics due)**. This assignment is intended to allow the students to research and develop a more thorough understanding of a research method of interest to them. The paper should still be presented as a **problem-oriented with a clear thesis statement** (i.e., not a literature review). Each student must use a minimum of thirty original sources (i.e. books, book chapters, or journal articles) **(Proposals – Abstract/Outline and a minimum of 12-15 refs)**. Internet sources may only be used for research (e.g. finding original resources) and not cited in the bibliography as a major source of information (unless approved). Further format and bibliographic details will be provided in class and on Webcourses. These papers will be due in class later in the semester. Finally, a short 15-20 minute research presentation (like conference) will be presented during the last classes. More information on each of these written assignments is available on Webcourses and will be discussed in class.

ALL written assignments for this course must be word-processed and fulfill the basic requirements for AJPA (American Journal of Physical Anthropology) referencing and formal academic papers (12-point Times New Roman font, double-spaced, 1 inch margins). Spelling and grammar are also very important and will be taken into consideration. You also should note that LATE ASSIGNMENTS, LABS and TERM PAPERS WILL BE PENALIZED BY ONE PERCENT of ASSIGNMENT PER DAY unless an extension is legitimately warranted and approved by the course instructor in advance of the assignment due date. Extensions will not be given except in the most extenuating circumstances or with medical paperwork. Assignments submitted later than 7 days after due date without instructor approval will not be graded and a zero will be assigned for that assignment.

XII. Course Policies: Grades

Grading and Evaluation: Graded materials will be returned to you within two weeks of their due date, unless you are informed otherwise through a class-wide announcement. The grading scale used in this course is on the "Evaluation" page of this syllabus. You can access your scores at any time using the Grades section of Webcourses@UCF.

Late Work Policy: You also should note that late assignments, reports, and term papers will be penalized by one percent of Assignment per day unless an extension is legitimately warranted and approved by the course instructor in advance of the assignment due date. Major extensions will not be given except in the most extenuating circumstances or with medical paperwork. Assignments submitted later than 7 days after due date without instructor approval will not be graded and a zero will be assigned for that assignment.

Grades of "Incomplete": The current university policy concerning incomplete grades will be followed in this course. Incomplete grades are given only in situations where unexpected emergencies prevent a student from completing the course and the remaining work can be completed the next semester. Your instructor is the final authority on whether you qualify for an incomplete. Incomplete work must be finished by the end of the subsequent semester or the "I" will automatically be recorded as an "F" on your transcript.

XIII. Required Statement Regarding COVID-19

University-Wide Face Covering Policy for Common Spaces and Face-to-Face Classes
To protect members of our community, everyone is required to wear a facial covering inside all common spaces including classrooms (https://policies.ucf.edu/documents/PolicyEmergencyCOVIDReturnPolicy.pdf. Students who choose not to wear facial coverings will be asked to leave the classroom by the instructor. If they refuse to leave the classroom or put on a facial covering, they may be considered disruptive (please see the Golden Rule for student behavior expectations). Faculty have the right to cancel class if the safety and well-being of class members are in jeopardy. Students will be responsible for the material that would have been covered in class as provided by the instructor.

Notifications in Case of Changes to Course Modality
Depending on the course of the pandemic during the semester, the university may make changes to the way classes are offered. If that happens, please look for announcements or messages in Webcourses@UCF or Knights email about changes specific to this course.

COVID-19 and Illness Notification
Students who believe they may have a COVID-19 diagnosis should contact UCF Student Health Services (407-823-2509) so proper contact tracing procedures can take place.
Students should not come to campus if they are ill, are experiencing any symptoms of COVID-19, have tested positive for COVID, or if anyone living in their residence has tested positive or is sick with COVID-19 symptoms. CDC guidance for COVID-19 symptoms is located here: (https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html)
Students should contact their instructor(s) as soon as possible if they miss class for any illness reason to discuss reasonable adjustments that might need to be made. When possible, students should contact their instructor(s) before missing class.

In Case of Faculty Illness
If the instructor falls ill during the semester, there may be changes to this course, including having a backup instructor take over the course. Please look for announcements or mail in Webcourses@UCF or Knights email for any alterations to this course.

Course Accessibility and Disability COVID-19 Supplemental Statement
Accommodations may need to be added or adjusted should this course shift from an on-campus to a remote format. Students with disabilities should speak with their instructor and should contact sas@ucf.edu to discuss specific accommodations for this or other courses.

XIV. Course Policies: Technology and Media

Email: In order to protect your private information and keep everything in one place, communication between the students and the professor will take via Webcourses. Please observe appropriate netiquette and use professional language when emailing your professor.

Contacting the professor: In this class our official mode of communication is through the email located inside Webcourses or through UCF email – J.marla.toyne@ucf.edu . All communication between

student and instructor and between student and student should be respectful and professional. It is the student's responsibility to check the "coursemail" tool and announcements daily.

Please REMEMBER: Professors have multiple duties including teaching, research, and service, and while I may not be in my office or online, I am likely working. I value professor-student contact and I have dedicated 2 contact hours for meetings. I can better address questions about course material and assignments in class or other questions of biological anthropology during these office hours. Email is NOT a substitute and I CANNOT engage in lengthy discussion about course material or assignments over email. If you cannot make office hours, please contact me to schedule an appointment providing at least 2 other time slots you are available.

If you choose to email me at j.marla.toyne@ucf.edu (instead of through Webcourses), you must use your knights.ucf.edu account. If you send an email, include ANG 6520 in the subject heading and do not forget to include your name in the email so I know who you are. You can generally expect a response within 48 hrs. I may only check email once during the weekend. If you do not receive a response over the weekend, you can then expect a response Monday morning.
Also check Webcourses for common questions asked and their answers via the discussion boards

Webcourses@UCF: This is a Face to Face course. Course materials and assignments can be accessed through the UCF on-line software, Webcourses@UCF.
Additional readings may be assigned to supplement the textbook. You will be advised of any additional reading assignments in weekly module introduction pages, and they will be available electronically on Webcourses. Course materials will also be posted on Webcourses, including this syllabus, schedule, link to the University Policies, assignment and lab guidelines, and weekly outlines. Please check Webcourses on a daily basis for announcements, updates, information on student resources, posted grades, and questions. You are expected to complete assignments on-time regardless of technological difficulties.

XV. Course Policies: Student Expectations

Attendance Policy: **Attendance** is important for your success in this course. If you must miss class, please discuss planned absences with the instructor. For unplanned absences, please contact the instructor as soon as you are able. **Participation** is an important component of this class. While debate and differing opinions are encouraged in this class, remember that this is a professional setting: please be respectful and polite to your classmates

- Course Etiquette: **Be on time.**
- **Cell phones will be turned off** and put away during class. No texting. No messaging. No internet. UNLESS we determine that specific apps are necessary for class use.
- While computers/laptops may be useful for notes, they are for **taking notes**, but consider this is a lab course and we will be moving around the classroom. **Turn OFF notifications**. Please refrain from surfing the web, checking your email, FaceBooking, or instant messaging as this is very distracting and disrespectful to your professor and those around. Remember, your classmates can see everything on your screen! Improper behavior will not be tolerated and may result in a referral to the Office of Student Conduct. Please, do not ruin everyone's learning experience.
- **Be polite, please**. This class will be conducted in a way that respects all aspects of diversity. It is expected that everyone show respect for one another, their opinions, and the diverse issues and topics that will be presented.

- **Do NOT hesitate to ask questions**, make comments, and bring in additional materials that relate to the topics we are covering in class during a given week – this is what makes the class interesting and engaging! If you hear about a relevant event or news story, let us know and we can post it on the course Webcourses and discuss it on the message board.
- Please note that **we will not tolerate language and behavior** in class that is offensive, hateful, abusive and/or exclusive in this class; this applies to online assignments, discussions, and exams as well.

Deadlines and Make-ups: Only students who have serious extenuating circumstances will be given the opportunity to make up missed work. University activities and religious holidays (See UCF Policy 4.401.1 and Regulation 5.020) are included. You will be required to provide **written documentation** of said circumstance. You will have **one week** to make up an assignment once you contact the professor after missing a deadline. Students who represent the university in an authorized event or activity (for example, student-athletes) and who are unable to meet a course deadline due to a conflict with that event must provide the instructor with documentation in advance to arrange a make-up. No penalty will be applied. For more information, see the UCF policy at <http://policies.ucf.edu/documents/4-401.2MakeUpAssignmentsorAuthUnivEventsorCocurricularActivities.pdf>.
Students must notify their instructor in advance if they intend to miss class for a religious observance. For more information, see the UCF policy at <http://regulations.ucf.edu/chapter5/documents/5.020ReligiousObservancesFINALJan19.pdf>.
An alternative assignment or make up exam may be offered.

Late Work Policy and Grades of 'Incomplete': Assignments turned in late will be assessed a penalty. Major assignments will not be accepted if overdue by more than seven days. The current university policy concerning incomplete grades will be followed in this course. Incomplete grades are given only in situations where unexpected emergencies prevent a student from completing the course and the remaining work can be completed the next semester. Your instructor is the final authority on whether you qualify for an incomplete. Incomplete work must be finished by the end of the subsequent semester or the "I" will automatically be recorded as an "F" on your transcript.

Professionalism Policy: Per university policy and classroom etiquette; mobile phones, iPods, *etc.* **must be silenced** during all classroom and lab lectures. Those not heeding this rule may be asked to leave the classroom immediately so as not to disrupt the learning environment. Please arrive on time for all class meetings. Students who habitually disturb the class by talking, arriving late, *etc.*, and have been warned may suffer a reduction in their final class grade.

Academic conduct: Students should also familiarize themselves with the procedures for academic misconduct in UCF's student handbook, *The Golden Rule* <http://goldenrule.sdes.ucf.edu/docs/goldenrule.pdf>. UCF faculty members have a responsibility for students' education and the value of a UCF degree, and so seek to prevent unethical behavior and when necessary respond to academic misconduct. Academic dishonesty in any form will not be tolerated in this course. If you are uncertain as to what constitutes academic dishonesty, please consult the UCF Golden Rule for further details. As in all University courses, the Golden Rule Rules of Conduct will be applied. Violations of these rules will result in a record of the infraction being placed in your file and at a minimum you will receive zero grade for the work in question. At the discretion of the instructor, you may also receive an 'F' or 'Z' grade for the course. Confirmation of such incidents may also result in expulsion from the University. For more information about the Z Designation, see <http://goldenrule.sdes.ucf.edu/zgrade>.

Academic Integrity: UCF faculty members have a responsibility for your education and the value of a UCF degree, and so seek to prevent unethical behavior, notably plagiarism and cheating. When necessary, I will respond to infringements of academic integrity. Penalties can include a failing grade on an assignment or in the course, suspension or expulsion from the university, and/or a "Z Designation" on a student's official transcript indicating

academic dishonesty, where the final grade for this course will be preceded by the letter Z. For more information about the Z Designation, see http://z.ucf.edu/.
Students should familiarize themselves with UCF's Rules of Conduct at <http://osc.sdes.ucf.edu/process/roc>.
According to Section 1, "Academic Misconduct," students are prohibited from engaging in

1. Unauthorized assistance: Using or attempting to use unauthorized materials, information or study aids in any academic exercise unless specifically authorized by the instructor of record. The unauthorized possession of examination or course-related material also constitutes cheating.
2. Communication to another through written, visual, electronic, or oral means: The presentation of material which has not been studied or learned, but rather was obtained through someone else's efforts and used as part of an examination, course assignment, or project.
3. Commercial Use of Academic Material: Selling of course material to another person, student, and/or uploading course material to a third-party vendor without authorization or without the express written permission of the university and the instructor. Course materials include but are not limited to class notes, Instructor's PowerPoints, course syllabi, tests, quizzes, labs, instruction sheets, homework, study guides, handouts, etc.
4. Falsifying or misrepresenting the student's own academic work.
5. **Plagiarism**: Using or appropriating another's work without any indication of the source, thereby attempting to convey the impression that such work is the student's own. The UCF definition of Plagiarism is available here (https://www.fctl.ucf.edu/TeachingandLearningResources/ClassroomManagement/AcademicIntegrity/PlagiarismStatement.php) and YOU are responsible for understanding it.
6. Multiple Submissions: Submitting the same academic work for credit more than once without the express written permission of the instructor.
7. Helping another violate academic behavior standards.

For more information about **Academic Integrity**, consult the International Center for Academic Integrity <http://academicintegrity.org>.
For more information about **plagiarism** and misuse of sources, see "Defining and Avoiding Plagiarism: The WPA Statement on Best Practices" <http://wpacouncil.org/node/9>

Turinitin.com: In this course we will utilize turnitin.com. All assignments are automatically scanned by turnitin.com when they are submitted via Webcourses.

University Writing Center: This is a **graduate-level seminar**. My expectation is that you are already a **strong writer**. However, if you need it, the University Writing Center (UWC) is a free resource for UCF undergraduates and graduates. For more information or to make an appointment, visit the UWC website at http://www.uwc.ucf.edu, stop by MOD 608, or call 407.823.2197.

Accessibility Statement: The University of Central Florida is committed to providing access and inclusion for all persons with disabilities. It is my goal that this class be an accessible and welcoming experience for all students, including those with disabilities that may impact learning in this class. If anyone believes the design of this course poses barriers to effectively participating and/or demonstrating learning in this course, please meet with me as soon as possible (with or without a Student Accessibility Services (SAS) accommodation letter) to discuss reasonable options or adjustments. During our discussion, I may suggest the possibility/necessity of your contacting SAS <http://sas.sdes.ucf.edu/> (Ferrell Commons 185; 407-823-2371; sas@ucf.edu) to talk about academic accommodations.

For students connected with SAS, a Course Accessibility Letter may be created and sent to professors, which informs faculty of potential course access and accommodations that might be necessary and reasonable. Determining reasonable access and accommodations requires consideration of the course design, course learning objectives and the individual academic and course barriers experienced by the student. Further conversation with SAS, faculty and the student may be warranted to ensure an accessible course experience.

Campus Safety Statement: Emergencies on campus are rare, but if one should arise during class, everyone needs to work together. Students should be aware of their surroundings and familiar with some basic safety and security concepts.

- In case of an emergency, **dial 911 for assistance**.
- Every UCF classroom contains an emergency procedure guide posted on a wall near the door. Students should make a note of the guide's physical location and review the online version at <http://emergency.ucf.edu/emergency_guide.html>.
- Students should know the evacuation routes from each of their classrooms and have a plan for finding safety in case of an emergency.
- If there is a medical emergency during class, students may need to access a first-aid kit or AED (Automated External Defibrillator). To learn where those are located, see <http://www.ehs.ucf.edu/AEDlocations-UCF> (click on link from menu on left).
- To stay informed about emergency situations, students can sign up to receive UCF text alerts by going to <https://my.ucf.edu> and logging in. Click on "Student Self Service" located on the left side of the screen in the toolbar, scroll down to the blue "Personal Information" heading on the Student Center screen, click on "UCF Alert", fill out the information, including e-mail address, cell phone number, and cell phone provider, click "Apply" to save the changes, and then click "OK."
- Students with special needs related to emergency situations should speak with their instructors outside of class.
- To learn about how to manage an active-shooter situation on campus or elsewhere, consider viewing this video (<https://youtu.be/NIKYajEx4pk>)

Deployed Active Duty Military Students Statement: Students who are deployed active duty military and/or National Guard personnel and require accommodation should contact their instructors as soon as possible after the semester begins and/or after they receive notification of deployment to make related arrangements.

Discrimination: I am committed to encouraging a caring and supportive atmosphere on campus and to promoting a campus climate that understands and respects the needs of a culturally, ethnically, physically, and socially diverse student body. There will be no discrimination in this class. No discrimination will be tolerated whether it is against a protected class of individuals, or not, and there will be no discrimination based on ideas or opinions either. Please let me know as soon as possible if you feel that you have been treated unjustly; I will listen to your concerns and take appropriate action.

Religious Observances: Students are expected to notify their instructor in advance if they intend to miss class to observe a holy day of their religious faith. For a current schedule of major religious holidays, see the Faculty Center's main web page under "Calendars," and for additional information, contact the Office of Diversity Initiatives at 407-823-6479.

XVI. Copyright

This course may contain copyright protected materials such as audio or video clips, images, text materials, etc. These items are being used with regard to the Fair Use doctrine in order to enhance the learning environment. Please do not copy, duplicate, download or distribute these items. The use of these materials is strictly reserved for this online classroom environment and your use only. All copyright materials are credited to the copyright holder.

XVII. Third-Party Software and FERPA

During this course you might have the opportunity to use public online services and/or software applications sometimes called third-party software such as a blog or wiki. While some of these could be required assignments, you need not make any personally identifying information on a public site. Do not post or provide any private information about yourself or your classmates. Where appropriate you may use a pseudonym or nickname. Some written assignments posted publicly may require personal reflection/comments, but the assignments will not require you to disclose any personally identity-sensitive information. If you have any concerns about this, please contact your instructor.

XVIII. Important Dates to Remember

The SPRING Academic calendar can be found online at: http://calendar.ucf.edu/2021/spring

Drop/Swap Deadline: January 15th
Withdrawal Deadline: March 26th
Spring Break: April 12th -16th, 2021

Disclaimer	Every effort has been made to provide an accurate outline of course topics, requirements, and expectations; however, changes may occur throughout the semester and these will be announced during lectures and in announcements. If absent from class, it is the student's responsibility to inform him- or herself of any changes. Check Webcourses before class for any announcements or changes posted on the course homepage.

XIX. SCHEDULE (Outline) (May be subject to minor changes as required)

Further details ON WEBCOURSES

I.	Jan 12	Introduction and Lab Orientation
II.	Jan 19	Skeletal Biology and Data
III.	Jan 26	Taphonomy and Commingled
	Paper Topic Due	
IV.	Feb 2	Demography - Sex
V.	Feb 9	Demography - Age
VI.	Feb 16	Juvenile
VII.	Feb 23	Growth Patterns
	Paper Outline/Biblio Due	
VIII.	Mar 2	Morphometrics/Biodistance
IX.	Mar 9	Dental morphology
X.	Mar 16	Dental pathology
XI.	Mar 23	Health, stress, disease
XII.	Mar 30	Epidemiological approaches
XIII.	Apr 6	Trauma
	Paper Due ONLINE	
XIV.	Apr 13	No Class
XV.	Apr 20	Biomechanics
XVI.	Apr 27	Student Presentations