ANT2511.1: The Human Species
Spring 2021 (3 credits)
Tuesdays and Thursdays, 12:00-1:20pm
Mode: V1

Instructor Information:
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GTA Information:
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Prerequisites: None

Required Text:
- *Essentials of Biological Anthropology*, 4th ed. Clark Spencer Larsen.

Required Technology:
- Access to Webcourses@UCF
- Zoom (must be accessed using your Knights e-mail).

Course Requirements:
- Weekly quizzes/labs
- Three exams (including one final exam)

Course Catalog Description:
Human biological variation in an evolutionary perspective.

Course Description:
Biological anthropology is the study of non-human primate and human variation, evolution, and the interaction between human biology and culture. This course explores major concepts underlying the foundation of biological anthropology, including genetics, osteology/dentition, primates, evolution, and how anthropologists can use biology to understand cultural behavior and change. We will examine the interplay of biology and culture (a biocultural approach) to understand our ancestors, our present and future, across geographical space. This course will largely be split between three major sections: 1) important foundational aspects of understanding human variation; 2) understanding primates, primate evolution, and hominin evolution; and 3) understanding the development of modern humans.

Course Objectives:

After completing this course, you should be able to:

1) Explain major areas of biological anthropological research and methodology.
2) Explain the major forces of evolution and how we can identify evolutionary changes in the hominin record.
3) Understand human variation, including its potential causes.
4) Understand how *Primates* are similar to each other.
5) Understand the major trends in hominin evolution, to include biological and geographic changes.
6) Understand how we can apply our knowledge of biology to understand culture.
7) Critically apply the skills and knowledge learned in this course to understanding human variation, scientific research, and social discussions outside of the classroom.

Grading: Grades will be posted to Webcourses@UCF. Final grades are based on the following point scale

A = 92.5-100	B- = 80-82.4	D+ = 67.5-69.9
A- = 90-92.4	C+ = 77.5-79.9	D = 62.5-67.4
B+ = 87.5-89.9	C = 72.5-77.4	D- = 60-62.4
B = 82.5-87.4	C- = 70-72.4	F = <59.9

Points:

Exams	300 (3 x 100 pts each)
Quizzes	80 (8 x 10 pts each)
Labs	90 (3 x 30 pts each)
TOTAL	**470 pts**

Weekly Quizzes/Labs:

- **Quizzes:**
  - There will be eight (8) short 10-question quiz comprised of multiple-choice, true or false, and fill-in-the-blank questions relating to the material learned the week before. Once a quiz is opened, you have one shot to complete the quiz. Furthermore, the system is able to identify if you click away from the quiz and for how long; therefore, it is possible to identify if you spent an unnecessary length of time away from the webpage – keep this in mind to avoid the possibility of running out of time or cheating. These quizzes are timed (15 minutes), so you must be prepared to sit down and take this in one session.
  - Quizzes will be opened for you to take them after Thursday's class. You have until 11:59pm that Saturday to take the quiz.
- **Labs:**
  - There will be three (3) lab assignments throughout the semester. These will be opened after class on Tuesday and will be closed before class the following Tuesday. These will be a mix of short identification problems, short answer questions, and problems to be solved. Some of these questions will involve online

media, to include videos, images, and 3D models, so it is important that you are able to access these items for the labs.
    - You will be assigned to random groups for each of these labs. You may use these groups to work on labs together. Discussion boards will be open for each group to help communicate about the lab assignment. These must be used appropriately and only for the purposes of working together on lab assignments. See Class Policies for what is and is not appropriate.

- **Exams:**
    - There will be three (3) exams throughout the course of the semester, with the third taking place during the scheduled final exam period. These will focus on genetics and modern human variation (Weeks 1-5); primates and hominin evolution up to, but not including, *Homo sapiens* (Weeks 7-10); and *Homo sapiens* and applied biological anthropology (Weeks 11-15). These exams are **NOT** cumulative; however, the concepts in later parts of the course do draw upon concepts from earlier in the course. For instance, though Week 6 (Osteology and Dentition) are not specifically tested in Exams #2 or #3, understanding the skeleton and teeth are important for understanding many of the features we will discuss in later weeks and so it is important that you remember this information. Exams will consist of a variety of questions, including multiple choice, fill-in-the-blank, true or false, and short answer questions. You must be prepared to apply memorized facts and concepts and be able to answer broader questions using synthesized answers.
    - These exams will be conducted through Webcourses DURING the scheduled class period. Exam #1, for example, will open at 12:00pm, February 16th, and will close at 1:20pm, February 16th. So be sure to take the test during the scheduled period as it will not be available before or after the scheduled class period. Rather than a Zoom lecture for that day, you will have the exam.

Classroom Policies:

- We will discuss a range of topics with varying social perspectives (e.g., race/ancestry, human variation, evolution, etc.). Religious views are respected in this classroom. *Scientific* discussion is acceptable; however, this class is an academic *safe space*. This means that while scientific ideas may be expressed, it is expected that scientific evidence supports your arguments, and that discussion is held *appropriately and respectfully*. *Appropriate and respectful discussion means that no disparaging, insulting words, slurs, or attacks (any hate speech) are to be directed at other individuals and will result in ejection from the class*. Evolution and the value and equality of human life and variation (in all its forms) are embraced in and fundamental to biological anthropology; therefore, these are not topics for debate.
- We will be using Zoom for class this semester. However, it is expected that you do not text or take phone calls during class. This behavior is disrespectful not only to the instructor, but also to yourself and your fellow classmates. I reserve the right to remove you from the class period if I feel it becomes a problem.
- Zoom sessions will be recorded to accommodate potential connection issues or having to miss class because of a medical reason. Please keep this in mind when you are participating in class. Furthermore, chat transcripts are saved at the end of every Zoom

session, so be sure to use this for appropriate reasons as there will be a record of what was said.

- If you miss a class, or plan on missing a class, get lecture notes from a classmate. While I will post a version of the lectures on Webcourses, these will not be exhaustive and I will not provide lecture notes.
- If you miss an exam, you have 24 hours to contact me via e-mail. Make-up exams will only be given with a valid excuse. See the calendar for the exam dates; if you have conflicts, see me **immediately**.
- I do not hand out points. To do well in this class, you must work hard and study.
- Each week there will be a discussion board available for you to comment on the assigned reading and topics for the course. It is expected that you use this resource to post anything ranging from certain points that you found interesting, questions that came to mind about the material or how this might be applied beyond the class, interesting articles/songs/media/etc. that you came across that relate to the material for that week.
    - What you may **NOT** post in the discussion board: 1) answers or questions regarding the quizzes or exams; 2) any discussion regarding quizzes or exams; and 3) insults regarding fellow students, the instructor and TA, yourself, or any other person beyond the classroom.
- All communication will be done either through Webcourses or directly to your UCF e-mail address. Be sure to have these on file and that you are checking these.
- As office hours and class will take place through Zoom, I understand that the possibility of working from home may mean children and pets make an appearance from time to time. If you need to leave at any point to help take care of a situation, that is fine. Simply mute and stop the video until you are able to rejoin.

GEP Pre/Posttests:
In your personal Webcourses dashboard, you will find access to the GEP Webcourses section. The GEP Pretest will be open for you to take during the first 2 weeks of the semester. The Posttest will be available the last 3 weeks of the semester (an extra week due to Spring Break). The scores you earn on the GEP pretest and the GEP posttest are **NOT** included in your total points or final grade. The GEP pre and posttests are used by our department to determine what you learned over the course of the semester. Again, they will **NOT** count against you! Therefore, we ask that you please take them **without** your book so we can truly gain an understanding of what you learned.

Financial Aid Requirement:
Federal regulations require that federal aid awards be based on courses in which students demonstrate academic engagement.

All students must complete the "Introduce Yourself" assignment on Webcourses@UCF by the end of the day on Friday, January 15th (11:59 pm). This will be used to assess your academic engagement as compliant to federal regulations.

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.

Should this course shift to remote-only instruction, the university has provided several resources to assist students with learning: https://digitallearning.ucf.edu/newsroom/keeplearning/. If this change occurs, the course will include synchronous ("real time") sessions that will also be available as a recorded session for later review in Webcourses@UCF. Students are expected to review these available sessions. Such recordings/streaming will only be available to students registered for this class. These recordings are the intellectual property of the faculty and they may not be shared or reproduced without the explicit, written consent of the faculty member. Further, students may not share these sessions with those not in the class or upload them to any other online environment. Doing so would be a breach of the Code of Student Conduct, and, in some cases, a violation of the Federal Education Rights and Privacy Act (FERPA). This also applies to any in course materials and lectures.

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.

Zoom:
Please take time to familiarize yourself with Zoom by visiting the UCF Zoom Guides (https://cdl.ucf.edu/support/webcourses/zoom/). You may choose to use Zoom on your computer, laptop, or mobile device (phone or tablet). Using this program will require a microphone and a webcam and adequate Internet bandwidth.

Things to know about Zoom:

- You must sign into my Zoom session using your UCF NID and password.
- The Zoom sessions are recorded so that they may be posted on to WebCampus following the class period.
- Improper classroom behavior is not tolerated within Zoom sessions and may result in a referral to the Office of Student Conduct.
- You can contact Webcourses@UCF Support (https://cdl.ucf.edu/support/webcourses/) if you have any technical issues accessing Zoom.
- Please be on mute when not talking and use headphones to minimize the interference of background noise.

Academic Integrity:
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.
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.
8. Soliciting assistance with academic coursework and/or degree requirements.

Responses to Academic Dishonesty, Plagiarism, or Cheating
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 respond to academic misconduct when necessary. Penalties for violating rules, policies, and instructions within this course can range from a zero on the exercise to an "F" letter grade in the course. In addition, an Academic Misconduct report could be filed with the Office of Student Conduct, which could lead to disciplinary warning, disciplinary probation, or deferred suspension or separation from the

University through suspension, dismissal, or expulsion with the addition of a "Z" designation on one's transcript.

Being found in violation of academic conduct standards could result in a student having to disclose such behavior on a graduate school application, being removed from a leadership position within a student organization, the recipient of scholarships, participation in University activities such as study abroad, internships, etc.

Let's avoid all of this by demonstrating values of honesty, trust, and integrity. No grade is worth compromising your integrity and moving your moral compass. Stay true to doing the right thing: take the zero, not a shortcut.

Course Accessibility:
The University of Central Florida is committed to providing access and inclusion for all persons with disabilities. Students with disabilities who need access to course content due to course design limitations should contact the professor as soon as possible. Students should also connect with Student Accessibility Services (SAS) <http://sas.sdes.ucf.edu/> (Ferrell Commons 185, sas@ucf.edu, phone 407-823-2371). 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.

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.

Campus Safety:
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:
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.

Make-Up Assignments for Authorized University Events or Co-curricular Activities:
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 <https://policies.ucf.edu/documents/4-401.pdf>

Religious Observances:
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>.

Diversity and Inclusion:
The University of Central Florida considers the diversity of its students, faculty, and staff to be a strength and critical to its educational mission. UCF expects every member of the university community to contribute to an inclusive and respectful culture for all in its classrooms, work environments, and at campus events. Dimensions of diversity can include sex, race, age, national origin, ethnicity, gender identity and expression, intellectual and physical ability, sexual orientation, income, faith and non-faith perspectives, socio-economic class, political ideology, education, primary language, family status, military experience, cognitive style, and communication style. The individual intersection of these experiences and characteristics must be valued in our community.

Title IX prohibits sex discrimination, including sexual misconduct, sexual violence, sexual harassment, and retaliation. If you or someone you know has been harassed or assaulted, you can find resources available to support the victim, including confidential resources and information concerning reporting options at www.shield.ucf.edu and http://cares.sdes.ucf.edu/.

If there are aspects of the design, instruction, and/or experiences within this course that result in barriers to your inclusion or accurate assessment of achievement, please notify the instructor as soon as possible and/or contact Student Accessibility Services.

For more information on diversity and inclusion, Title IX, accessibility, or UCF's complaint processes contact:

- Title IX – OIE – http://oie.ucf.edu/ & askanadvocate@ucf.edu
- Disability Accommodation – Student Accessibility Services – http://sas.sdes.ucf.edu/ & sas@ucf.edu
- Diversity and Inclusion Training and Events – www.diversity.ucf.edu
- Student Bias Grievances – Just Knights response team – http://jkrt.sdes.ucf.edu/
- UCF Compliance and Ethics Office – http://compliance.ucf.edu/ & complianceandethics@ucf.edu
- Ombuds Office – http://www.ombuds.ucf.edu

Week	Dates	Topic	Reading	Assignments/Articles
1	Jan 12	Class Introduction		
	Jan 14	What is Anthropology?	1	
2	Jan 19	Evolution	2	
	Jan 21	Evolution	2	**QUIZ #1**
3	Jan 26	Genetics	3	
	Jan 28	Genetics	3	**QUIZ #2**
4	Feb 2	Population Genetics	4	
	Feb 4	Population Genetics	4	**LAB #1**
5	Feb 9	Adaptation and Growth and Development	5	
	Feb 11	Race and Human Variation	5	**QUIZ #3**
6	Feb 16	**EXAM #1**		
	Feb 18	Osteology and Dentition	Appendix A1-10	
7	Feb 23	Living Primates	6	
	Feb 25	Living Primates	6	**LAB #2**
8	Mar 2	Primate Behavior	7	
	Mar 4	Fossils and Dating	8	**QUIZ #4**
9	Mar 9	Primate Evolution	9	
	Mar 11	Primate Evolution	9	**QUIZ #5**
10	Mar 16	Early Hominins	10	
	Mar 18	Early Hominins	10	**QUIZ #6**
11	Mar 23	**EXAM #2**		
	Mar 25	Early *Homo*	11	
12	Mar 30	Early *Homo*	11	
	Apr 1	Modern Humans	12	**LAB #3**
13	Apr 6	Modern Humans	12	
	Apr 8	Migration	12	**QUIZ #7**
14	Apr 13	**SPRING BREAK**		
	Apr 15			
15	Apr 20	Agriculture	13	
	Apr 22	Bioarchaeology/Forensic Anthropology		**QUIZ #8**
16	Apr 27	**STUDY DAY**		
	Apr 29	**FINAL EXAM – 10:00am – 12:50pm**		

Course Schedule (Dates, assignments, and readings may change as needed. Any changes will be announced to students in class and through e-mail).

IMPORTANT DATES:
Jan 23 – Quiz #1 due
Jan 30 – Quiz #2 due
Feb 6 – Lab #1 due
Feb 13 – Quiz #3 due
Feb 16 – Exam #1
Feb 27 – Lab #2 due
Mar 6 – Quiz #4 due
Mar 13 – Quiz #5 due
Mar 20 – Quiz #6 due
Mar 23 – Exam #2
Apr 3 – Lab #3 due
Apr 10 – Quiz #7 due
Apr 13-15 – Spring Break
Apr 24 – Quiz #8 due
Apr 27 – Study day
Apr 29 – Final Exam (10:00am – 12:50pm)