CR COLLEGE OF THE REDWOODS

Syllabus for ANTH 6

Course Information

Semester & Year: Spring 2023
Course ID & Section #: ANTH-6-V4472-2023S
Instructor's name: Katherine Gaddis
[if synchronous] Day/Time of required meetings:
[if in-person] Location:
[if needed] Number of proctored exams:
Course units: 3

Instructor Contact Information

Office location or *Online: Online
Office hours: By Appointment
Phone number: (510) 676-9740
Email address: katherine-gaddis@redwoods.edu

Catalog Description

An examination of the science of solving crimes with anthropoogical data from human skeletal remains. Basic human skeletal anatomy will be taught in order to set the stage for examining details of criminal investigations. Students will learn how to initially estimate the sex, age, stature, sncestry, and other individual characteristivs based on skeletal analysis. This course will outline how forensic anthropologists help identify skeletal remains based on skeletal feaures, trauma and disease, and genetics. This course will also explore the role of forensic anthropology in working with law enforcement agencies, human rights issues, and ethical considerations for those working int he field.

Course Student Learning Outcomes *(from course outline of record)*

1. Identify the various anthropological theories, methods, and techniques used to investigate human skeletal remains.

2. Demonstrate an understanding of the nature of scientific inquiry and its application in anthropological research.

3. Articulate the goals and the legal, operational, and ethical framework of forensic anthropology.

4. Discuss the relationship between anthropology and the legal system.

Prerequisites/co-requisites/ recommended preparation

[If applicable]

Accessibility

College of the Redwoods is committed to making reasonable accommodations for qualified students

with disabilities. If you have a disability or believe you might benefit from disability-related services and accommodations, please contact your instructor or Disability Services and Programs for Students (DSPS). Students may make requests for alternative media by contacting DSPS based on their campus location:

- Eureka: 707-476-4280, student services building, 1st floor
- Del Norte: 707-465-2324, main building near library
- Klamath-Trinity: 530-625-4821 Ext 103

If you are taking online classes DSPS will email approved accommodations for distance education classes to your instructor. In the case of face-to-face instruction, please present your written accommodation request to your instructor at least one week before the needed accommodation so that necessary arrangements can be made. Last minute arrangements or post-test adjustments usually cannot be accommodated.

*Other verbiage you can include if you want:

Student Support
Good information and clear communication about your needs will help you be successful. Please let your instructor know about any specific challenges or technology limitations that might affect your participation in class. College of the Redwoods wants every student to be successful.

Evaluation & Grading Policy
[Should include info such as final grade calculations, rubrics, late assignment policy, and other grading practices]

Admissions deadlines & enrollment policies
Spring 2023 Dates
- *Classes begin: 01/14/23*
- *Martin Luther King's Birthday (all campuses closed): 01/16/23*
- *Last day to add a class: 01/20/23*
- *Last day to drop without a W and receive a refund: 01/27/23*
- *Census date: 01/30/23 or 20% into class duration*
- *Last day to petition to file P/NP option: 02/10/23*
- *Lincoln's Birthday (all campuses closed): 02/17/23*
- *President's Day (all campuses closed): 02/20/23*
- *Last day to petition to graduate or apply for certificate: 03/02/23*
- *Spring Break (no classes): 03/13/23 – 03/18/23*
- *Last day for student-initiated W (no refund): 03/31/23*
- *Last day for faculty-initiated W (no refund): 03/31/23*
- *Final examinations: 05/06/23 – 05/12/23*
- *Commencement: 05/15/23*
- *Semester ends: 05/12/23*
- *Grades available for transcript release: approximately 05/26/23*

Academic dishonesty
In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases,

where the instructor determines that a student has demonstrated academic dishonesty, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the College Catalog and on the College of the Redwoods website.

Disruptive behavior

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include, but is not limited to: unwarranted interruptions; failure to adhere to instructor's directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process, a disruptive student may be temporarily removed from class. In addition, the student may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the College Catalog and on the College of the Redwoods website.

Inclusive Language in the Classroom

College of the Redwoods aspires to create a learning environment in which all people feel comfortable in contributing their perspectives to classroom discussions. It therefore encourages instructors and students to use language that is inclusive and respectful.

Setting Your Preferred Name in Canvas

Students have the ability to have an alternate first name and pronouns to appear in Canvas. Contact Admissions & Records to request a change to your preferred first name and pronoun. Your Preferred Name will only be listed in Canvas. This does not change your legal name in our records. See the Student Information Update form.

Canvas Information

Canvas Information
If using Canvas, include navigation instructions, tech support information, what Canvas is used for, and your expectation for how regularly students should check Canvas for your class.
Log into Canvas at My CR Portal
For help logging in to Canvas, visit My CR Portal.
For help with Canvas once you're logged in, click on the Help icon on the left menu.
For tech help, email its@redwoods.edu or call 707-476-4160
Canvas online orientation workshop: Canvas Student Orientation Course (instructure.com)

Community College Student Health and Wellness

Resources, tools, and trainings regarding health, mental health, wellness, basic needs and more designed for California community college students, faculty and staff are available on the California Community Colleges Health & Wellness website.

Wellness Central is a free online health and wellness resource that is available 24/7 in your space at your pace.

Students seeking to request a counseling appointment for academic advising or general counseling can email counseling@redwoods.edu.

Emergency procedures / Everbridge

College of the Redwoods has implemented an emergency alert system called Everbridge. In the event of an emergency on campus you will receive an alert through your personal email and/or phones. Registration is not necessary in order to receive emergency alerts. Check to make sure your contact information is up-to-date by logging into WebAdvisor https://webadvisor.redwoods.edu and selecting 'Students' then 'Academic Profile' then 'Current Information Update.'

Please contact Public Safety at 707-476-4112 or security@redwoods.edu if you have any questions. For more information see the Redwoods Public Safety Page.

In an emergency that requires an evacuation of the building anywhere in the District:
- Be aware of all marked exits from your area and building
- Once outside, move to the nearest evacuation point outside your building
- Keep streets and walkways clear for emergency vehicles and personnel

Do not leave campus, unless it has been deemed safe by the campus authorities.

Del Norte Campus Emergency Procedures
Please review the Crescent City campus emergency map for campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). For more information, see the Redwoods Public Safety Page.

Eureka Campus Emergency Procedures
Please review the campus emergency map for evacuation sites, including the closest site to this classroom (posted by the exit of each room). For more information on Public Safety go to the CR Police Department-Public Safety It is the responsibility of College of the Redwoods to protect life and property from the effects of emergencies within its own jurisdiction.

In the event of an emergency:

1. Evaluate the impact the emergency has on your activity/operation and take appropriate action.
2. Dial 911, to notify local agency support such as law enforcement or fire services.
3. Notify Public Safety 707-476-4111 and inform them of the situation, with as much relevant information as possible.
4. Public Safety shall relay threat information, warnings, and alerts through the Everbridge emergency alert system, Public address system, and when possible, updates on the college website, to ensure the school community is notified.
5. Follow established procedures for the specific emergency as outlined in the College of the Redwoods Emergency Procedure Booklet, (evacuation to a safe zone, shelter in place, lockdown, assist others if possible, cooperate with First Responders, etc.).
6. If safe to do so, notify key administrators, departments, and personnel.
7. Do not leave campus, unless it is necessary to preserve life and/or has been deemed safe by the person in command.

Klamath Trinity Campus Emergency Procedures

Please review the responsibilities of, and procedures used by, the College of the Redwoods, Klamath-Trinity Instructional Site (KTIS) to communicate to faculty, staff, students and the general public during an emergency. It is the responsibility of College of the Redwoods, Klamath-Trinity Instructional Site (KTIS) to protect life and property from the effects of emergency situations within its own jurisdiction.

1. In the event of an emergency, communication shall be the responsibility of the district employees on scene.
   a. Dial 911, to notify local agency support such as law enforcement or fire services.
   b. If safe to do so, notify key administrators, departments, and personnel.
   c. If safe to do so, personnel shall relay threat information, warnings, to ensure the school community is notified.
   d. Contact 530-625-4821 to notify of situation.
   e. Contact Hoopa Tribal Education Administration office 530-625-4413
   f. Notify Public Safety 707-476-4111.
2. In the event of an emergency, the responsible district employee on scene will:
   a. Follow established procedures for the specific emergency as outlined in the College of the Redwoods Emergency Procedure Booklet.
   b. Lock all doors and turn off lights if in lockdown due to an active shooter or similar emergency.
   c. Close all window curtains.
   d. Get all inside to safe location Kitchen area is best internal location.
   e. If a police officer or higher official arrives, they will assume command.
   f. Wait until notice of all is clear before unlocking doors.
   g. If safe to do so, move to the nearest evacuation point outside building (Pooky's Park), directly behind the Hoopa Tribal Education Building.
   h. Do not leave site, unless it has been deemed safe by the person in command. Student Support Services (required for online classes)

Student Support Services

The following online resources are available to support your success as a student:
- CR-Online (Comprehensive information for online students)
- Library Articles & Databases
- Canvas help and tutorials
- Online Student Handbook
- Online Tutoring Resources

Counseling offers assistance to students in need of professional counseling services such as crisis counseling.

Learning Resource Center includes the following resources for students

- Library Services to promote information literacy and provide organized information resources.
- Multicultural & Diversity Center
- Academic Support Center – offers tutoring and test proctoring for CR students.
- Student Tech Help – provides students with assistance around a variety of tech problems.

Special programs are also available for eligible students include

- [Extended Opportunity Programs & Services (EOPS)](#) provides services to eligible income disadvantaged students including: textbook award, career academic and personal counseling, school supplies, transportation assistance, tutoring, laptop, calculator and textbook loans, priority registration, graduation cap and gown, workshops, and more!
- The TRiO Student Success Program provides eligible students with a variety of services including trips to 4-year universities, career assessments, and peer mentoring. Students can apply for the program in [Eureka](#) or in [Del Norte](#)
- The [Veteran's Resource Center](#) supports and facilitates academic success for Active Duty Military, Veterans and Dependents attending CR through relational advising, mentorship, transitional assistance, and coordination of military and Veteran-specific resources.
- [CalWORKS](#) – assists student parents with children under the age of 18, who are receiving cash assistance (TANF), to become self-sufficient.
- Klamath-Trinity students can contact the CR KT Office for specific information about student support services at 530-625-4821

Welcome to ANTH 6

INTRODUCTION TO FORENSIC ANTHROPOLOGY

Spring 2023
Online

Instructor

Name: Katherine Gaddis, MA
Email: Katherine-Gaddis@redwoods.edu
Office Hours: Virtual, By Appointment

Course Description

An examination of the science of solving crimes with anthropoogical data from human skeletal remains. Basic human skeletal anatomy will be taught in order to set the stage for examining details of criminal investigations. Students will learn how to initially estimate the sex, age, stature, sncestry, and other individual characteristivs based on skeletal analysis. This course will outline how forensic anthropologists help identify skeletal remains based on skeletal feaures, trauma and disease, and genetics. This course will also explore the role of forensic anthropology in working with law enforcement agencies, human rights issues, and ethical considerations for those working int he field.

Student Learning Outcomes

Upon successfully completing this course, students will have demonstrated:

Course Outcomes:

5. Identify the various anthropological theories, methods, and techniques used to investigate human skeletal remains.

6. Demonstrate an understanding of the nature of scientific inquiry and its application in anthropological research.

7. Articulate the goals and the legal, operational, and ethical framework of forensic anthropology.

8. Discuss the relationship between anthropology and the legal system.

Course Readings & Materials

- **Optional Text:** Forensic Anthropology: Current Methods and Practice (2nd Edition); A Laboratory Manual for Forensic Anthropology (1st Edition)
- **CANVAS is the main course venue,** where you will find materials (e.g., readings, handouts), assignments, & announcements.
- **Blank paper (or a digital sketching device/software)** for drawings.
- **Internet:** You will need a computer with access to the Internet. You may use campus computer labs during open hours. Contact the Help Desk for IT issues.

Class Structure

This course is 100% online asynchronous - there are no required group meetings or Zooms.

Each week, course materials (video lectures, notes, handouts, supplemental readings) will be posted on Canvas. Students will need to dedicate time to view/read the materials and complete weekly activities. A research paper will be visited throughout the semester, with the final version due at the end.

This is a 3-unit course, so expect about 9 hours per week of work. Because this course is mostly online, self-discipline is essential for success. It is recommended that you plan for dedicated time to complete the readings and assignments. ***Please check the course website regularly each week***. Regular interactions with course participants are required.

How much you get out of this class will be largely driven by your motivation to not just achieve a desired grade, but to also *learn* and *understand* the material.

Grading & Assignments

Grades are tracked on Canvas – you will receive a grade based on the following:

Assignment	% Course Grade
Activities	37.5%
Quizzes	27.5%
Exams	20%
Research Paper	15%

Grading Scale - no curve:

A = 93% or above; **A-** = 92.9-90%; **B+** = 89.9-87%; **B** = 86.9-83%; **B-** = 82.9-80%; **C+** = 79.9-77%; **C** = 76.9-73%; **C-** = 72.9-70%; **D+** = 69.9-67%; **D** = 66.9-60%; **F** = <60%. CR/NC is not an option for ANTH major courses.

General Grading Guidelines:

- Content, accuracy, completeness, evidence of engagement with materials, and evidence of effort will be the primary basis for grading any subjective components of assignments.
- Assignments should be overall well-written, well-organized, and edited for typos, but they will not be graded on grammar or spelling, within reason.
- There is a lot of information online/elsewhere on topics covered in this class, and some information differs even within scholarly sources. You are strongly encouraged to explore outside information, but unless directed otherwise, assignments are expected to be based on course materials.

General Late / Make-Up Policy:

- The general late policy is -10% per day late, unless noted otherwise.
- Please complete assignments ahead of the due dates in case of unexpected circumstances.
- Late work will not be accepted after the last day (Friday) of final's week.
- If you miss an assignment:
  1. Contact the instructor if you miss an exam, otherwise, for other assignments:
  2. Try to submit it ASAP if within the late submission period.
  3. Contact the instructor via email if you need to request a waiver to the late policy for extenuating circumstances.
  4. For help documenting or receiving services for serious, confidential, or ongoing circumstances, please contact the Dean of Students office.

Activities:

- There will be one or more activity each week - specific instructions for each will be on Canvas.
- Activities focus on skeletal anatomy, the application of forensics methods, and the evaluation of key concepts/issues.
- Tip: Activities may time a while to complete. Get started ahead of due dates and plan to spend several hours each week learning and contemplating relevant material and completing the assignment.
- Grading note: Activities represent the bulk of your grade for this course, and thus your work on them should demonstrate considerable effort and substantial engagement with course materials and concepts. Activities completed without this effort and engagement and/or based on non-course material will likely be obvious and earn a low score.

Research Paper:

- Prompt: Complete a research paper on (almost) any topic within the realm of forensic anthropology. For example, you could research a method, a type of trauma, a disease that presents on the skeleton, a contemporary issue, a historical aspect, etc…
- Guidelines for research paper option:
  - 10+ pages of your writing, plus abstract, any tables/figures, and a references section.

- o Double-space, 1" margins, 12-pt standard font, name & page # as header/footer on each page.
- o A title page is not required, but if included does not count towards the 10+ pages.
- o Demonstrate that you are familiar with and thought about relevant course material *and* that you completed substantial outside literature research on the topic.
- o Include 8+ sources, at least four of which must be peer-reviewed journal/periodical articles - we will discuss what these are during the semester. *You do NOT need to purchase articles – you can get them through the library.
- o Include substantial in-text citations throughout.
- o Avoid direct quotations unless exact wording is needed – paraphrase instead (but still cite).
- o Use APA citation style (http://owl.english.purdue.edu/owl/resource/560/01/).
- o No footnotes except if needed for tables/figures.
- o In general, the paper should follow a standard format of an introductory paragraph, body paragraphs with topic sentences, and a concluding paragraph followed by a references section.
- Submit as a Word doc or PDF. No links to Google docs – if you are working in Google docs, download and submit as a word doc or PDF.
- Timing: During the fifth week of the semester, you will be asked to submit ideas and preliminary components, which will be worth points in the "research paper" grade category. The final paper will be due during finals week.

Key Forensics Resources
(FYI and for use in various assignments)

- **Professional societies and their meeting abstracts**: *American Academy of Forensic Sciences (AAFS)*
- **Journals**: *Journal of Forensic Sciences, Journal of Forensic Anthropology, Forensic Science International*

*Don't purchase articles – you can get them for free through the library!

Optional Material
(if you want extra study time at home)

Because this course is online, you should be able to do fine with the required books, the provided electronic materials, and online resources. However, students that plan to pursue a career in forensics may want to also obtain some or all of the following to supplement course materials/assignments:

- White, T.D., Black, T., & Folkens, P.A. (2011/2012) Human Osteology, 3rd Ed. Academic Press. *This is a fully detailed human osteology book.*

- White, T.D. (2005). The Human Bone Manual. Academic Press.
  This is a concise human osteology field guide.
- A life-sized plastic skeleton model – a disarticulated one is recommended. A basic model costs around $300. Be wary of much less expensive ones, which might be mini or for decoration.
- Digital sliding calipers – around $10 online.
- Digital outside calipers – around $30 online (e.g., iGaging 8" Digital Outside Calipers).
- Osteometric board – a "Science First Osteometric Board" for ~ $70 is of similar quality to other plastic ones that cost more. An expensive metal one is <u>not</u> necessary for learning purposes.

Policies for Working with Human and Nonhuman Skeletal Remains

*Some of this is only applicable to if we were on-campus but are kept here for your information.

- This course utilizes real human and nonhuman bones for teaching purposes. It will not be possible to complete this course without <u>viewing</u> real human and nonhuman remains; however, if you are not comfortable <u>handling</u> the remains, please discuss alternatives with the instructor.
- <u>It is of utmost importance that remains are treated with respect and dignity</u>. Remember, many of these remains are of someone's loved one and/or pet, and were kindly donated for teaching.
- Also remember that <u>bones can be very fragile</u>. We will discuss how to hold bones in the safest way possible – please adhere to these precautions at all times. <u>If you accidentally drop or break a bone, please tell your instructor or course assistants immediately</u>. Accidents happen and we understand, we just don't want to be surprised by a broken bone when we're putting things away.
- <u>The bones we are working with are not known to have pathogens, but as a precaution they should be handled as though they might</u>. Bones are organic, and thus can contain mold, mildew, and bacteria. Some bones may have been processed with chemicals like ammonia or bleach. Do not touch bones and then touch your eyes, nose, mouth, etc… Hands should be washed with soap and water before and after handling bones (this will also protect the remains). Nitrile or latex gloves are recommended if you have health concerns or sensitive skin, and they may be required (and provided) for some specimens.
- When working with real bones, <u>no food may be consumed in class in the space</u>. A beverage is acceptable, if it has a lid and is kept away from the remains for the protection of the remains and to make sure no elements/residue/dust touches the lid/liquid. In addition to remains potentially contaminating food, grease and oil from food can affect the quality and preservation of bones.
- You must always be aware of where you are getting bones from, so that they are put back in the correct place. If you are unsure, please ask rather than putting them back in an uncertain location.
- **Photographs are allowed of <u>nonhuman</u> remains or <u>casts (fake) human bones</u> only.** These images should be used for your binder/studying only, and should **<u>never</u>** be posted

on social media or otherwise shared, as they could be misunderstood out of context even if you provide a caption (it could be removed and re-posted). Absolutely **no images showing any kind of disrespect or negligent handling or "joke" poses, which should not be happening anyway**.

- **<u>No photographs of real human remains</u>** are allowed unless specifically indicated otherwise by the instructor. If you want to view images of human bones, some are provided in lecture notes, and there are many books and online references, such as eskeletons.org.

College Policies & Resources

- Students are responsible for knowing information on campus policies and resources on the website below, such as: Add/Drop Policy, Resources for Students with Disabilities, Academic Honesty, Complaints, Attendance and Disruptive Behavior Policy, Code of Conduct, Financial Aid, Emergency Procedures, Academic/Career Advising, and Counseling & Psychological Services.
- **Emergency procedures:** Please see the emergency evacuation plan for the classroom located on the colored card by the door. Also review the Campus Emergency Procedures
- **Title IX policies**: University instructors are required to report all disclosures of sexualized violence of students mentioned in course discussions and assignments.

General Class Policies

- **Extra credit** will probably **not** be available – please plan accordingly.
- **Keep all work, including backups of submissions,** until your final course grade posts.
- **Academic Integrity**: Please do not: lift anything from the internet; present the work/words of others as your own (including missing citations); allow others to cheat off of your work; or have unauthorized items out during quizzes/exams. This is obvious and your instructors have tools to check. Failure to comply will result in a grade of F (0) on the assignment, potential failure of the course, and potential college disciplinary actions.
- **Academic accommodations**: If you require testing or other accommodations and have documentation from the SDRC, please contact the instructor promptly and provide reminders as relevant.
- **Basic needs:** Any student who faces challenges securing their food or housing and believes this may affect their performance in the course is urged to contact the Dean of Students for support. Furthermore, please notify the instructors (if you are comfortable doing this) so that we can help you get in touch with support services on campus.
- **Inclusivity & Respect:** All students in this class are encouraged to share ideas, voice opinions, ask questions, and participate in class and online. Each of us must show respect for each other because our class represents a diversity of beliefs, backgrounds, and experiences. That this can enrich our experiences together and deepen our understanding of one another and the world around us, rather than divide us. If for any reason you feel isolated from our classroom community or if you have a specific need, please let your instructors know immediately so that we can help support you in the class.
- **Netiquette:** What you post online (in Canvas/Zoom/etc...) is public. Please always show respect for your audience and be mindful of netiquette (aka 'net etiquette'), which includes staying on topic, using language free of profanity, using proper tone, as well as

showing courtesy and respect for others' opinions. Contributions should contribute to a positive class dynamic and are not the place to air general grievances or engage in unrelated debates. Please pay attention to tone, and avoid sarcasm or statements that could be misinterpreted or harmful. Also, please be aware of audio / video / chat usage during online meetings – if you are using audio, be sure to mute it while others are speaking, if using video be aware of what you are showing, and stay on-topic in the chat box. Instructors may interpret breaches of netiquette as "disruptive behavior" and at their discretion may mute your audio/video, eject you from a meeting, remove your post, and/or report behavior.

- **Please see your instructors ASAP** if you have questions or concerns.

Preliminary Schedule

Please see the schedule of topics, materials, and assignments, linked at the top of the course homepage.

1/17-1/22, Topic 1 Introduction	1/23-1/29, Topic 2 Skeletal Biology	1/30-2/5, Topic 3 Human Osteology and Odontology	2/6-2/12, Topic 4 Data Collection Procedures
2/13-2/19, Topic 5 Analyzing Human Remains	2/20-2/26, Topic 6 Sex Estimation	2/27-3/5, Topic 7 Age Estimation	3/6-3/12, Topic 8 Stature Estimation
3/13-3/19 SPRING BREAK No Class	3/20-3/26, Topic 9 Ancestry Estimation	3/27-4/2, Topic 10 Pathology	4/3-4/9, Topic 11 Trauma
4/10-4/16, Topic 12 Taphonomy	4/17-4/23, Topic 13 Personal Identidivation	4/24-4/30, Topic 14 Report and Testifying	5/1-5/12, Topic 15 Human Rights Investigations