

Anthropology& 215 A: Biological Anthropology with Lab

Winter 2015 Online

Instructor: Anthony Tessandori

Office:	D110H
Office Hours:	Online
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Course Overview:

Anthropology is the holistic study of humans. We combine methods, theories, and data from natural sciences, social sciences and humanities to examine human experience in the broadest framework possible. Anthropology courses explore human biology, origins, prehistory, and cultural diversity.

Content for Anthropology& 215: Biological Anthropology with lab

In “Biological Anthropology” we employ the scientific perspective of biological anthropology to examine our earliest ancestors and relatives and the diversity of modern humans. Topics include theory of evolution, genetics, primate anatomy, fossil record, biological adaptation, human physical variation and reproductive ecology.

Course Outcomes:

At the conclusion of Anthropology& 215 you should be able to:

1. To demonstrate an understanding of the historical contexts and consequences of natural science and social science concepts developed for and directed at a holistic and comparative approach to human behavior.
2. To recognize, identify and use the scientific method, in particular the principles of biocultural evolution, and to distinguish coherent arguments based on such principles from other claims.
3. To show knowledge of the general elementary principles of molecular, Mendelian and population genetics and their synthesis with evolutionary explanation.
4. To apply contemporary concepts in human biocultural variation, and distinguish such approaches from older paradigmatic formulations.
5. To recognize behaviors found throughout the primate order with particular attention to the social ecology of primate behavior.
6. To compare the gross anatomy of modern hominin and non-human primates and gain knowledge of their taxonomic classification.

7. To demonstrate detailed paleo-anthropological knowledge of fossil hominoids and hominids, enabling the contrast, comparison and construction of hypothetical phylogenetic interpretations of hominin lineages and the selective evaluation of competing theories of hominization.

General Education Rating:

Big 3	General Ed Requirement	Rating
Creative and Critical Thinking	Critical Thinking/ Problem Solving Scientific Inquiry (Nature of Science)	3

Student Responsibilities

To make the most out of the educational opportunities in this class, you need to take an active and energetic role in your own learning process. Success can best be achieved by completing the following student responsibilities.

- Complete all reading assignments before class on the day assigned.
- Participate actively in each discussion activity. We cannot reproduce a classroom level discussion. No makeup discussions are available. In this sense absences will have a negative impact on your grade.
- No late work will be accepted after the end of the final exam unless arrangements with the professor have been made.
- Take advantage of extra credit opportunities.
- Use the instructor's office hours for questions.

The flow of the class

READ THIS SECTION VERY CAREFULLY. IF YOU CANNOT ADJUST YOUR SCHEDULE TO THE RHYTHM OF THE CLASS, YOU WILL HAVE A VERY DIFFICULT TIME SUCCEEDING IN THIS COURSE.

The online class has a very different rhythm from on-campus classes, and each online course is different from other online courses. In this class, the first day of the 'online week' begins on a Tuesday morning at 8:00 AM and runs until Monday night at 5:00 PM when all work for that week must be completed. There are six major components to the course: 1) reading the textbook; 2) PowerPoint lectures (some narrated); 3) discussions; 4) labs; 5) exams; and 6) attendance.

DEADLINES ARE NOT FLEXIBLE.

This class is designed in four units. You are welcome to complete **MOST** of the materials for each unit at your own pace, as long as you get it done by the prior to the opening of the next unit. Not all units are the same length of time. Be sure to keep track of when each Unit open and closes. We will be moving very quickly due to the nature of this course. Please stay on top of the material, as it would be very difficult to catch up at the last minute.

Discussion and Labs require you to participate at specific times. These require student input and contribution to complete the task at hand. There will be assigned days for specific steps for each discussion and some labs. These dates will be laid out in the unit overviews and in the assignments themselves.

There are also specific time deadlines for the exams. Date and time for exams can be found in the course schedule and on the unit overviews. Each exam must be completed during the given exam time. Late exams will not count. **If there is a discrepancy between due dates, the date on the overview will be the correct one.**

DEADLINES ARE NOT FLEXIBLE.

COURSE SITE LAYOUT

This course is page based. This means that all documents and files are linked to a page dedicated to the unit. Everything will be initially on the home page. You will never need to go anywhere else on the course site to access course information.

Software

Word Processor: Microsoft Word is the only word processor supported at the college. You must use Microsoft Word to prepare any documents to be submitted. Documents submitted in any other format will not be accepted.

Web browser

You must use a Web browser supported by Canvas and it must be properly “tuned.” Information about supported browsers and how to tune them is posted on the Distance Education Website (www.bellevuecollege.edu/distance/).

Textbook

ESSENTIALS OF PHYSICAL ANTHROPOLOGY – 9th Edition

JURMAIN, Kilgore and Travathan

ISBN: 978-1111837181

Evaluation

Student evaluation centers upon successful mastery of the course content. Final grades will be based upon the following set of assignments and point distributions for a total of 750 points.

- **Participation 50 points**
- **Lab activities, write ups and participation labs: 300 pts (Varying points dependent on the activity)**
- **Discussion: 100 points (1 at 10 pts, 3 at 30 pts)**
- **Exams: 300 points (Unit 1 exam = 50 pts, Unit 2 exam = 100 pts, Unit 3 exam = 70 pts, and Unit 4 exam = 80 pts)**

Participation:

You are expected to log on to Canvas at least **four different days per week**, more would be favorable. This can be for lectures, discussions, activities or other postings, or to check for announcements or emails. It is important that you check frequently as new information or directions may be posted at any time. As the instructors I can see what course elements you are looking at and how long you are looking at them. These points are an all or nothing case per week. If you log in four times during a week you will get the points, if not, you will not get the points. These points will not appear in the grade book until the end of the quarter.

Lab Activities

There are one to three labs/activities per week for this course. These labs are designed to reinforce key concepts in the course, enhance your knowledge of course material, and provide you with a hands-on learning experience. These are **lab** so they will require you to collect and analyze data, not just follow step to complete an activity. Due dates for labs will be given on the weekly overview, the lab assignment, and the submission page.

In order to complete these labs you will need to pick up a lab kit during the second week of class. There will be specific times for this to occur. If you live outside the area other arrangements can be made,

however proof of a distant mailing address is required. Not having your lab kit after the deadline is not an excuse for not doing labs.

LATE SUBMISSIONS WILL BE SUBJECT TO 10% PER DAY REDUCTION IN POINTS INCLUDING CLASS AND NON-CLASS DAYS. AFTER ONE WEEK, THESE ASSIGNMENT WILL BE WORTH 0 POINTS. BEYOND THIS NO LATE WORK WILL BE ACCEPTED WITHOUT PRIOR APPROVAL BY THE PROFESSOR.

Discussions

A major part of the learning in this class comes from the exchange of ideas with other students. There are four discussions total, counting the introductory discussion. This dialogue will occur in the form of four major discussions about relevant topics. The discussion topic will be provided to you and there will usually be a reading to tie in the discussion to the week's material.

YOU DO NOT HAVE TO REPLY MAKE REPLIES TO THE INTRODUCTORY DISCUSSION

There are 3 steps to the discussion:

1. When there is an article that is the focus of the discussion, read it first and think about the material. If there online research is required, read the guidelines which will lay out the lines of research required.
2. Each student is to post an initial commentary (i.e., your informed analysis about the article in response to the question provided). This step must occur BEFORE Thursdays at 12:00 noon. Each initial commentary should be well written, proofread for grammatical and spelling errors, and substantive in content. About 200-300 words is an estimate of what is expected for an initial commentary. If you use any source at all, you must cite it. NO Wikipedia.
3. Each student will comment on the initial posting of 2 other students. This step of the discussion will begin at 12:01 pm on Thursday. Points will not be given if you comment on others' posts before this time or after the discussion has closed on Sunday at 5:00pm.

Each response posting should be about 100 words. Responses such as "I agree" or "Terrific job" do not count for credit. If you use any source at all, you must cite it. NO Wikipedia. Period.

All postings should be thoughtful, informed, respectful, substantive, and constructive.

IF YOU MISS A DISCUSSION, YOU CANNOT MAKE IT UP SINCE THE MOMENT WILL HAVE PASSED. THE DISCUSSION CLOSSES AT THE END OF THE WEEK ON SUNDAY AT 5:00PM.

Exams

A major portion of your grade will be derived from 4 exams. An exam may consist of multiple choice and true/false questions and a problem set of questions. More details about the exams will be distributed closer to the date of each. Each exam will cover the material from its Unit. These exams are assessments of your knowledge of the materials, not your ability to look stuff up. There are strict time limits and rules for these exams, so please plan according.

To take the exam, you will need to be familiar with Canvas. Be sure you know how to successfully submit your answers when completed. Exam questions are derived from assigned readings, discussions, labs, internet links, lectures, labs, and any other instructional material presented in class. Exams will open on the last Thursday of the Unit at 8:00am and will close the following Monday at 5:00pm.

No makeup on Discussion or Exams will be available without written documentation of a legitimate excuse (death, accident, hospitalization, illness, etc.). Just saying you were sick is not enough, nor is a note from your mother.

Late work submission (Labs and Worksheets)

Written assignments that are submitted after the start of class on the day it is due will be subject to a 10% reduction in points for every day it is late including weekends, non-instruction days and holidays. **After one week, late assignments will not be accepted and a 0 will be awarded.**

JUST BECAUSE THIS SYLLABUS DOESN'T EXPLICITLY SAY YOU CAN'T DO SOMETHING... IT DOESN'T MEAN YOU CAN DO IT.

Grading Scale

Your final grade will be based upon the accumulation of points using the table below

Grade	Point Value	Grade	Point Value	Grade	Point Value	Grade	Point Value
A = 100 – 93%	750 – 697	B = 86 – 83%	651 – 622	C = 76 – 73%	576 – 547	D = 65% 60%	494 - 450
A- = 92 – 90%	696 – 675	B- = 82 – 80%	621 – 600	C- = 72 – 70%	546 – 525	F = <59%	449 and below
B+ = 89 – 87%	674 – 652	C+ = 79 – 77%	599 – 577	D+ = 69 – 66%	524 – 495		

Schedule: Anth&215: BioAnthropology with Lab Winter 2015

Unit	Text	Lectures and Materials	Activities	Discussions
Unit #1 2/5 – 2/26	Ch.1 – 3	<ul style="list-style-type: none"> <u>ALL DOCUMENTS IN START HERE MODULE</u> <u>Introduction</u> <u>History of variation studies</u> History of evolutionary thought Natural selection 	1. Scientific Methods (20) 2. Natural Selection (20) Syllabus Quiz – DUE 2/12 at 5:00pm Exam 1 (Opens 1/22 & Closes 1/26)	Introduce yourself to the class: Starts on 2/5 at 8:00am and ends on 2/12 at 5:00pm
Unit #2 1/27 – 2/16	Ch.4 and 5	<ul style="list-style-type: none"> Heredity & evolution Genetics Macroevolution Speciation Forces of evolution <u>Hardy-Weinberg</u> 	1. DNA Extraction (20) 2. Origami DNA (15) 3. Genetics Casino (20) 4. Punnett Square Worksheet (15) 5. Hardy-Weinberg Worksheet (20) Exam 2 (Opens 2/12 & Closes 2/16 at 5:00pm)	Stem Cell <u>Commentaries</u> Start on 1/27 at 8:00am and end on 2/11 at 12:00pm. Replies start on 2/11 at 12:01pm and close on 2/16 at 5:00pm
Unit #3 2/17 – 3/2	Ch. 6 – 8	<ul style="list-style-type: none"> Living primates <u>Geologic time</u> <u>Dating methods</u> <u>Fossil Primates</u> 	1. Primate Adaptations (20) 2. Primate Observation (30) Exam 3 (Opens 2/26 & Closes 3/2)	Bush meat <u>Commentaries</u> Start on 2/17 at 8:00am and end on 2/26 at 12:00pm. Replies start on 2/26 at 12:01pm and close on 3/2 at 5:00pm

Unit #4 3/3 – 3/25	Ch. 9 – 12	<ul style="list-style-type: none"> • Bipedalism • Early hominin record • Middle hominin record • Late hominin record • <u>Modern humans</u> • Human adaptation 	<ol style="list-style-type: none"> 1. Bipedalism (30) 2. Hominin skulls (30) 3. Paleolithic tools (20) 4. Human adaptations (20) 5. Blood type lab (20) <p>Exam 4 (Opens 3/18 & Closes 3/25)</p>	<p>Malaria and culture</p> <p><u>Commentaries</u> Start on 3/3 at 8:00am and end on 3/18 at 12:00pm.</p> <p><u>Replies</u> start on 3/18 at 12:01pm and close on 3/25 at 5:00pm</p>
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Academic Integrity and Safe Zone

Cheating and plagiarism will not be accepted. Proper citation of ideas, concepts and quotes that are not your own is required. Cheating and plagiarism will result in a zero score on that assignment and will be reported to BC administration.

This class is designed to explore and discuss controversial issues. Sometimes these issues evoke emotional or personal repossess. It is important for students to be able to speak their minds without worrying about ridicule, demeaning remarks, or hurtful statements. Any occurrences of such comments will be dealt with immediately.

WHAT COURSES IN ANTHROPOLOGY ARE OFFERED AT BC?

There is a general introductory class (Survey of Anthropology) which highlights all four sub-disciplines of anthropology. BC offers in-depth courses in Anthropology which I encourage you to take: archaeology (Great Discoveries in Archaeology; Archaeology; Ancient North America; Incas & Their Ancestors; Aztecs, Mayas, & Their Ancestors), biological anthropology (Biological Anthropology; Bioanthropology with Lab; Cross-cultural Medicine; Forensic Anthropology), cultural anthropology (Food, Drink, & Culture; American Life & Culture; Cultural Anthropology; Sex, Gender, & Culture; Environment & Culture; REEL Culture; Religion & Culture) and linguistics (Language, Culture, & Society). Check BC's Course Catalogue for a full description of each course. We will also be offering several special topics courses spanning the discipline. Topics may include Primatology, Experimental Archaeology, Anthropology of Immigration and Scandinavian Culture. There are no prerequisites for any of these courses and they fulfill degree requirements. Different formats (on campus, on-line, hybrid) are offered. Stop by and visit the Social Science Advisor, Deanne Eschbach, in Room D110, for free professional planning and advising, or contact Anthropology Prof. Dr, Nancy Gonlin at nan.gonlin@bellevuecollege.edu to learn more about majoring in anthropology.

ARE YOU INTERESTED IN EARNING A CONCENTRATION IN ANTHROPOLOGY, ALONG WITH YOUR DEGREE?

In addition to earning an AAS degree, you can take 20 credits of required courses to earn a concentration in Anthropology. These four courses provide the basic foundation of Anthropology and represent the 4-field approach of American Anthropology. All of them are be offered on campus and on-line.

ANTH& 204 – Archaeology (5 credits of Social Science)

ANTH 208 – Language, Culture, & Society (5 credits of Humanities or Social Science)

ANTH& 206 – Cultural Anthropology (5 credits of Social Science)

ANTH& 215 – BioAnthropology with Lab (6 credit of Lab Science) **or** ANTH& 205 – Biological Anthropology (5 credit of natural science)

Explore the LMC! The Library Media Center is at your fingertips! I *strongly* encourage you to visit the LMC at least this quarter, but you can also access it via the web. Talk to a Reference Librarian at the Library (D-126), by calling (425) 564-6161, or by email: reference@bellevuecollege.edu.

- **Main Library Media Center:** <http://bellevuecollege.edu/lmc/>
- **For the LMC online catalog:** <http://bellevuecollege.edu/lmc/catalogs.html>
- **For article databases:** <http://bellevuecollege.edu/lmc/periodicals.html>

For all of your written work: Submit proofread work **only**. Work not proofread will be returned **once** for a rewrite, expected to be handed in within 48 hours. If you need help with your writing, please make use of the following student support services:

Academic Success Center: <http://bellevuecollege.edu/academicsuccess/>

- Academic Tutoring Center: <http://bellevuecollege.edu/tutoring/>
- TRiO Student Support Services: <http://bellevuecollege.edu/TRiO/>
- Writing Lab @ BCC: <http://bellevuecollege.edu/writinglab/>

The MyBC website for this class: got to www.bellevuecollege.edu.

Click on MyBC link at the top of the page. Sign in and click on Class website link. There you will find course documents – which is where you will find the needed materials for this class.

Preventing Plagiarism: Plagiarism is a form of academic dishonesty occurring when students use information or material from outside sources and do not properly cite those sources. This is grounds for disciplinary action. It is your responsibility to understand plagiarism and its consequences. Plagiarism occurs if:

- a. You do not cite quotations and/or attribute borrowed ideas.
- b. You fail to enclose borrowed language in quotation marks.
- c. You do not write summaries and paraphrases in his/her own words and/or doesn't document his/her source.
- d. You turn in work created by another person.
- e. You submit or use your own prior work for a current or past course, or work from one current course in another course *without express permission* from your professors. This may also be considered academic dishonesty.
- f. Consequences: If it is determined that you have plagiarized or engaged in other forms of academic dishonesty, you will likely fail the assignment and possibly the course, despite points earned through other work. Acts of academic dishonesty are reviewed for disciplinary action.

PROCEDURES AND GUIDELINES OF THE SOCIAL SCIENCE DIVISION

Cheating, Stealing and Plagiarizing* - Cheating, stealing and plagiarizing (using the ideas or words of another as one's own without crediting the source) and inappropriate/disruptive classroom behavior are violations of the Student Code of Conduct at Bellevue College. Examples of unacceptable behavior include, but are not limited to: talking out of turn, arriving late or leaving early without a valid reason, allowing cell phones/pagers to ring, and inappropriate behavior toward the instructor or classmates. The instructor can refer any violation of the Student Code of Conduct to the Dean of Student Services for possible probation or suspension from Bellevue College. Specific student rights, responsibilities and appeal procedures are listed in the Student Code of Conduct, available in the office of the Dean of Student Services and at [http://bellevuecollege.edu/policies/2/2050P_Student_Code_\(Procedures\).asp](http://bellevuecollege.edu/policies/2/2050P_Student_Code_(Procedures).asp)

Email Communication with instructors must be done through student email accounts only. Instructors cannot communicate with students about their course work or grades through student's personal email accounts.

Incomplete - If a student fails to complete all the required work for a course, an instructor may assign the grade of Incomplete ("I"). The student must complete the coursework by the end of the next quarter, or receive the assigned letter grade (usually an "F").

F Grade - Students who fail a course will receive a letter grade of "F."

Final Examination Schedule - The Social Science Division will adhere to the final examination schedule as stated in the BC Schedule. Final examinations will be held at the end of each quarter at fixed times. Instructors will not give examinations in advance of the regular schedule. A student who is absent from any examination held at any time during the quarter may forfeit the right to make up the examination. If, for illness or some other circumstance beyond the student's control, the student is unable to be present at any scheduled examination and has contacted the instructor on a timely basis, the student may be permitted to take such examination at a time designated by the instructor.

Withdrawal From Class - College policy states that students must formally withdraw from a class by the end of the seventh week of the quarter (Registration Office, B125). If a student has not withdrawn by that date, an appropriate letter grade will be assigned for the course.

Hardship Withdrawal - Instructors may assign the grade of "HW" (hardship withdrawal) at their discretion in the event that a student cannot complete the coursework due to extreme and exceptional circumstances. Students may also contact the Enrollment Services office BEFORE grades are assigned in cases of hardship.

The Disability Resource Center serves students with a wide array of learning challenges and disabilities. If you are a student who has a disability or learning challenge for which you have documentation or have seen someone for treatment and if you feel you may need accommodations in order to be successful in college, please contact us as soon as possible.

If you are a person who requires assistance in case of an emergency situation, such as a fire, earthquake, etc, please meet with your individual instructors to develop a safety plan within the first week of the quarter.

If you are a student with a documented autism spectrum disorder, there is an additional access program available to you. Contact asn@bellevuecollege.edu or (425) 564-2764. ASN is located in the Library Media Center in D 125. www.bellevuecollege.edu/autismspectrumnavigators/.

The DRC office is located in B 132 or you can call our reception desk at (425) 564-2498. Deaf students can reach us by video phone at (425) 440-2025 or by TTY at (425) 564-4110.

Please visit our website for application information into our program and other helpful links at www.bellevuecollege.edu/drc/.

Distribution of Grades - Grades will not be posted in the Social Science Division or in faculty offices, and program assistants or coordinators will not give out grades. Students should access their grades through the BC Web site.

Return of Papers and Tests - Paper and/or Scantron score sheet returns will be arranged in the following ways ONLY: by mail, if student supplies the instructor with stamped, self-addressed envelope (with appropriate postage); or by the instructor designating a time and place whereby the student may retrieve his/her papers. Unclaimed papers and/or Scantron score sheets must be kept by the instructor for a minimum of sixty (60) instructional days following the end of the quarter.

**If you are accused of cheating, stealing exams and/or plagiarism, there is a Bellevue College Student Discipline and Appeals Procedure (the right to due process) which you may pursue. Contact the office of Division Chair (D110), the Dean of Student Services (B231A) or the Associated Student Body (C212) for information regarding the appeals process.*