

Anthropology& 205: Biological Anthropology

Summer 2014

Instructor: Anthony Tessandori

Office:	D110H
Office Hours:	Online
Telephone:	(425)564 – 4188
Email:	tony.tessandori@bellevuecollege.edu

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& 205: Biological Anthropology

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& 205 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
Connection	Historical and intellectual Perspectives	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.
- All materials **MUST** be turned in by the end of the final exam period to be counted. No late work will be accepted after the end of the final exam unless arrangements with the professor have been made.
- Communicate with your instructor.

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, units will open on every other Tuesday morning at 8:00 AM starting on July 1st. All assignments for that unit will be due on every other Monday at 5:00pm starting July 14th.

There are six major components to the course: 1) reading the textbook; 2) PowerPoint lectures (some are narrated); 3) discussions; 4) activities; 5) exams; and 6) attendance.

This class is designed in three 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. We will be moving very quickly due to the nature of the summer quarter. Please stay on top of the material, as it would be very difficult to catch up at the last minute.

Discussion 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. 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

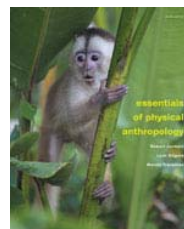
You must use a Web browser supported by Canvas and it must be properly “tuned.” Information about supported browsers and how to tune them is posted on the Distance Education Website (www.bellevuecollege.edu/distance/).

Textbook and readings

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 650 points.

- **Participation: 100 points**
- **Discussion: 75 points (3 x 25 points)**
- **Experience Labs: 150 (3 x 50 points)**
- **Exams: 300 points: (exam 1 = 125 points, exam 2 and 3 = 100 points)**

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. This means that every Tuesday the count of your online logins starts again. 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.

Discussions

A major part of the learning in this class comes from the exchange of ideas. This will occur in the form of discussions about relevant topics. Starting in the second week each of you will take part in a discussion on a topic I will provide. There will usually be a reading that will tie the discussion to the week's material. There are two steps to the discussion:

Step 1: Each student is to post a commentary (your thoughts about the article and the questions provided), this must occur before **12:00pm (noon)** on the date given in the Unit Overview. Commentaries need to be between 250 and 400 words.

After the commentaries have closed, you must reply to two other students, this stage of the discussion will begin on **after 12:01pm on the date given on the unit overview. You are not allowed to comment on other students posting before this time.** Any early posted will not count for points. All comments must be posed before the discussion closes. Each post should be about 100 words.

THIS IS WHEN THE GRADING WILL OCCUR. EACH POSTING (BOTH THE COMMENTARY AND THE REPLIES MUST BE THOUGHTFUL, RESPECTFUL, SUBSTANTIVE AND CONSTRUCTIVE. A SIMPLE "I AGREE" OR "I DISAGREE" WILL NOT WORK.

KEEP IN MIND THE DISCUSSIONS ARE WORTH 25 POINTS EACH. TAKE THEM SERIOUSE.

If you miss a discussion you cannot make it up. I will close each discussion for about a week after it has concluded so people won't get confused as to which discussion we are on.

Experience labs

This quarter you will be completing several experience labs. These will help you get a sense of how science feels. They are meant to be fun and informative. More detailed information will follow. If you miss a lab assignment you cannot make it up.

Exams

There will be three non-cumulative exams. Each will cover material from the unit. Each will be made of 50 multiple-choice and true/false. Each exam will be opened for 5 days. The time limits for exams will vary depending on the exam. *No makeup exams will be available without written documentation of a legitimate excuse (death, accident, hospitalization, illness, etc.).*

Grading Scale

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

Grade & Percentage	Point Value		
A = 92-100%	(598-650 pts)	C+ = 78 – 79%	(507 -519 pts)
A- = 90-91%	(585-597 pts)	C = 72-77%	(468-506 pts)
B+ = 88-89%	(572-584 pts)	C- = 70-71%	(455-467 pts)
B = 82-87%	(533-571 pts)	D+ = 68-69%	(442-454 pts)
B- = 80-81%	(520-532 pts)	D = 50%-67%	(325-441 pts)
		F = <50%	(<325 pts)

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.

Schedule:

Unit	Text	Lectures	Activities	Discussions
Unit #1 7/1 – 7/14	Ch.1 – 4	<ul style="list-style-type: none"> • <u>Introduction</u> • <u>History of variation studies</u> • History of evolutionary thought • Natural selection • Heredity & evolution • Genetics 	<ul style="list-style-type: none"> • DNA Origami Activity • Punnet Square Worksheet • Exam 1 (7/10 – 7/14) 	Stem Cell <ul style="list-style-type: none"> • Commentaries Start on 7/1 at 8:00am and end on 7/9 at 12:00pm. • Replies start on 7/9 at 12:01pm and close on 7/14 at 5:00pm
Unit #2 7/15 – 7/28	Ch.5 – 8	<ul style="list-style-type: none"> • Macroevolution • Speciation • Forces of evolution • <u>Hardy-Weinberg</u> • Living primates • <u>Geologic time</u> • <u>Dating methods</u> 	<ul style="list-style-type: none"> • Hardy-Weinberg Worksheet • Primate Observation Activity • Exam 2 (7/24 – 7/28) 	Bush meat <ul style="list-style-type: none"> • Commentaries Start on 7/15 at 8:00am and end on 7/23 at 12:00pm. • Replies start on 7/23 at 12:01pm and close on 7/28 at 5:00pm
Unit #3 7/29 – 8/14	Ch.9 – 12	<ul style="list-style-type: none"> • <u>Fossil Primates</u> • <u>Bipedalism</u> • Early hominin record • Middle hominin record • Late hominin record • <u>Modern humans</u> • Human adaptation 	<ul style="list-style-type: none"> • Bipedalism Activity • Paleolithic Tool Activity • Exam 3 (8/7 – 8/14) 	Malaria and culture <ul style="list-style-type: none"> • Commentaries Start on 7/29 at 8:00am and end on 8/6 at 12:00pm. • Replies start on 8/6 at 12:01pm and close on 8/14 at 5:00pm

ASSESSMENT	DATES	MATERIALS COVERED ON EXAMS AND QUIZZES	
Exam 1		<ul style="list-style-type: none"> • Chapters 1 – 4 • Discussion 1 	<ul style="list-style-type: none"> • Activities from Unit 1 • Lectures from Unit 1 (From beginning of class to “Genetics”)
Exam 2		<ul style="list-style-type: none"> • Chapters 5 – 8 • Discussion 2 	<ul style="list-style-type: none"> • Activities from Unit 2 • Lectures from Unit 2 (From “Macroevolution” to “Dating methods”)
Exam 3		<ul style="list-style-type: none"> • Chapter 9 – 12 • Discussion 3 	<ul style="list-style-type: none"> • Activities from Unit 3 • Lectures from Unit 3 (Fossil Primates to the end of the class)

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.

Tentative Anthropology course listings for Fall 2014

COURSE #	COURSE NAME	On campus Fall	Online Fall
ANTH& 100	Survey of Anthropology	x	x
ANTH 180	American Life & Culture	x	x
ANTH 208	Language, Culture, & Society*	x	x
ANTH& 204	Archaeology*		x
ANTH& 205	Biological Anthropology+		x
ANTH& 206	Cultural Anthropology*	x	
ANTH& 215	BioAnthropology with Lab+	x	
ANTH& 236	Forensic Anthropology	x	

(* denotes required courses for the Academic Concentration in Anthropology)

(+ denotes a choice between two courses for the Academic Concentration 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 Summer 2014

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.

Students Who Require Disability Accommodations:

Students with disabilities who have accommodation needs are encouraged to meet with the Disability Resource Centre (DRC) office located in B132 (telephone 425.564.2498 or TTY 425.564.4110), to establish their eligibility for accommodation. The DRC office will provide each eligible student with an accommodation letter. Students who require accommodation in class should review the DRC accommodation letter with each instructor during the first week of the quarter.

Students with mobility challenges who may need assistance in case of an emergency situation or evacuation should register with Disability Resource Centre, and review those needs with the instructor as well.

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.*