



ANTH& 205 – Biological Anthropology On-Line

Syllabus – Winter 2014 – Bellevue College



WELCOME TO BIOLOGICAL ANTHROPOLOGY!

Anthropology is the holistic study of our species, *Homo sapiens* or "Wise ones." Anthropologists combine methods, theories, and data from the natural sciences, social sciences, and the humanities to examine the human experience in the broadest framework possible. Anthropology courses explore human biology, origins, prehistory, and cultural diversity. This class focuses on humans as bio-cultural organisms, emphasizing an understanding of humans from a holistic, evolutionary, comparative anthropological perspective. Biological Anthropology is also known as Physical Anthropology or BioAnthropology.

WHAT IS THIS COURSE ABOUT?

Biological Anthropology (ANTH& 205) offers an anthropological view of how human biological characteristics arose, our relation to non-human primates, and how we continue to be shaped by evolutionary forces. Major topics include human genetics, adaptation, monkeys, apes and prosimians, fossil evidence for human evolution and the study of biological diversity in contemporary human populations. ANTH& 205 is a 5-credit course that counts as a science credit. (Please note that either ANTH& 205 OR ANTH& 215 with Lab may be taken for credit, but not both.) This class does not have a lab portion.

WHO IS TEACHING THIS COURSE?

Hello! I'm Dr. N. Gonlin, also known as "Dr G". I have a Ph.D. in Anthropology from Penn State University and have been trained in all four fields of anthropology. I originally went to grad school to study Neandertals and have a background in biology. I have taught for 26



Dr G in Australia, December 2013

years; 15 at BC, and at Eastern Washington University, The University of Georgia, Kennesaw State University, and Penn State. My fieldwork has been primarily in Latin America, but I have first-hand knowledge of dozens of different countries through my extensive travels around the globe. As a Registered Professional Archaeologist, I am an expert on the pre-Hispanic Classic Maya civilization of Mexico and Central America. *Hablo Español*. My research focuses on households, gender and class, ritual and ideology, tropical adaptations, and cultural ecology. You can find some of my publications in BC's library. In this photo from December 2013, I'm on a walk about in the bush down under in the Blue Mountains of Australia, touching the valuable turpentine tree (*Syncarpia glomulifera*).

(<http://www.hornsby.nsw.gov.au/media/documents/environment-and-waste/bushland-and-biodiversity/native-tree-database-fact-sheets/Fact-sheet-Syncarpia-glomulifera-Turpentine.pdf>)

HOW DO YOU CONTACT YOUR PROFESSOR?

Contact information: The best way to contact Dr G is through our CANVAS class mail. In an emergency, you can either call my office 425.564.2347 or send me an e-mail: nan.gonlin@bellevuecollege.edu. If you send an email, you must use your BC email address in order for me to respond to you. Be sure to provide your full name, course number & section, and how best to contact you.

WHAT IS THE COURSE OUTLINE? The following topics will be covered throughout the quarter:

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|---|----------------------------------|
| I. Introduction | Darwinian Evolution |
| Anthropology as a Social Science | Genetics & Nat. Selection |
| Fields of Anthropology | Modern Synthesis |
| II. Scientific Method & Physical Anthropology | IV. Human & Primate Evolution |
| Applications | Primate Origins & Fossils |
| Limitations | Human Origins & Fossils |
| Field Methods | V. Modern Variation & Adaptation |
| III. Evolutionary Theory | Human Pop. Adaptations |
| History of Scientific Knowledge | Biodemography |

WHAT ARE THE COURSE OUTCOMES for BIOLOGICAL ANTHROPOLOGY?

At the successful completion of all assessments for Anthropology& 205 you should be able to:

1. 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. 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. Show knowledge of the general elementary principles of molecular, Mendelian and population genetics and their synthesis with evolutionary explanation.
4. Apply contemporary concepts in human biocultural variation, and distinguish such approaches from older paradigmatic formulations.
5. Recognize behaviors found throughout the primate order with particular attention to the social ecology of primate behavior.
6. Compare the gross anatomy of modern hominids & non-human primates and gain knowledge of their taxonomic classification.
7. Demonstrate detailed paleoanthropological knowledge of fossil hominoids and hominids, enabling the contrast, comparison and construction of hypothetical phylogenetic interpretations of hominid lineages and the selective evaluation of competing theories of hominization.

HOW WILL COURSE OUTCOMES BE MET?

Outcomes will be addressed through visual materials, readings, tutorials, discussions, and tests.

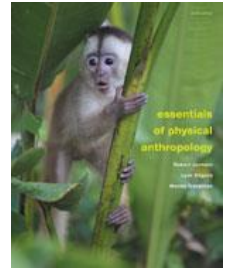
WHAT GENERAL EDUCATION REQUIREMENT DOES THIS COURSE FULFILL?

This course fulfills the general requirement of: "Creative & Critical Thinking," and specifically "Scientific Inquiry - Nature of Science."

WHAT TEXTBOOK & MATERIALS ARE REQUIRED FOR THIS COURSE?

1. REQUIRED TEXTBOOK (hard copy or e-copy)

IT IS YOUR RESPONSIBILITY TO PURCHASE THE TEXTBOOK AS SOON AS POSSIBLE. IT WILL BE NEEDED FOR THE FIRST WEEK OF CLASSES & EVERY WEEK THEREAFTER.



Jurmain, Robert, Lynn Kilgore, and Wenda Trevathan.

2013 *Essentials of Physical Anthropology*, 9th ed., Wadsworth Publishing, Belmont, CA. ISBN: 978-1-111-83718-1

This textbook was chosen for a number of reasons: It's the best on the market, written by authorities in the field; It has ample free on-line support for students; It's comprehensive & concise, making it ideal for a quarter system; And it can be bought in an online format (e-textbook) or rented from the publisher.

2. REQUIRED STUDY GUIDE/ONLINE BOOK COMPANION WEBSITE

Online Textbook Companion for Students: <http://www.cengagebrain.com/>

Choose "Free Study Tools" and enter your textbook's ISBN: 9781111837181

There is limited 'free' material. It is in your best interest to purchase it.

3. RING-BINDER NOTEBOOK (if you choose to print course materials-See Eco-Conduct below)

You may find it difficult to continuously work online. You may find the course a great deal easier if you print the syllabus, calendar, each week's assignment page, and various other supporting documents. Place them in a 3-ring binder and buy a set of section dividers, with one divider for each week's assignments. Alternatively, you may want to download course materials to a thumb drive or other device for quick reference. Print only what you feel is necessary.

4. 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.

5. 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/).

HOW CAN YOU BE ENVIRONMENTALLY-FRIENDLY?

Student Sustainability Guidelines: Students are expected to make decisions that have the least environmental impact while maximizing student learning, including

- Think before printing documents for this class, adjust printable margins, print double-sided & reuse paper for scrap paper.
- Turn in papers electronically or when necessary turn in printed assignments double-sided, single-spaced and using narrow margins of at least .75 inches.
- Recycle all paper, bottles, and cans; and compost food and materials from the BC cafeteria.
- Adjust the power settings on your personal computer so the monitor and CPU will sleep after 20 minutes of inactivity and unplug all personal electronic devices when not in use.

WHAT IS THE RHYTHM OF THIS COURSE?

READ THIS SECTION VERY CAREFULLY

IF YOU DO NOT HAVE FLEXIBILITY IN YOUR SCHEDULE TO SYNC IT WITH THE RHYTHM OF THIS CLASS, YOU WILL HAVE DIFFICULTY SUCCEEDING IN THIS COURSE. DEADLINES ARE NOT FLEXIBLE.

The on-line class has a very different rhythm from on-campus classes, and each on-line course is different from other on-line courses. On-line courses do not take off time for weekends or holidays and often times it takes more time, dedication, and discipline to succeed in an online course. In this class, the first day of the 'on-line week' begins on a Monday morning at 12:01 AM and runs until a Sunday night at 11:59 PM when all work for that week must be completed. The major components of this course are described in detail below. It is your responsibility to be aware of all deadlines and course updates.

AFFIRMATION OF INCLUSION <http://bellevuecollege.edu/about/goals/inclusion.asP>

The college is committed to maintaining an environment in which every member of the campus community feels welcome to participate in the life of the college, free from harassment and discrimination. We value our different backgrounds at

Bellevue College. Students, faculty, staff members, & administrators are to treat one another with dignity and respect. This classroom is a SafeSpace.

WHAT ACCOMMODATIONS FOR DISABILITY DOES THE COLLEGE HAVE?

"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 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. The DRC office is located in B132 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."

Please let me know by Canvas mail as soon as possible if you have an accommodation. I will require a notification from the Disability Resource Center in order to provide you with appropriate accommodation. It takes at least one quarter for accommodations to be granted. One cannot simply state that one needs accommodations; the DRC will request appropriate documentation and make the decision. Only DRC students can be accommodated. Please let me know how I can help you.

WHAT ARE THE REQUIREMENTS FOR THIS COURSE?

A variety of instructional methods and learning opportunities exists for you to master class content. You have responsibilities to do the best you can.

1. Materials in the "Start Here" Module: You are required to review all materials in the "Start Here" module, including this syllabus, course calendar, the Procedures and Guidelines of the Social Science Division, and all other documents

in the module. Enrollment in the course constitutes an agreement to abide by the policies set forth in these items. By the end of the first week of the course, you should submit the Course Agreement Form to your professor to indicate that you understand how the course works and how your performance will be assessed. You will also be asked to reply to a questionnaire by the end of the first week, to post an introduction, take the practice quiz (no points) and complete all assignments listed in Week 1 Overview.

2. Attendance & Participation

It is well worth your time to "attend" class regularly and constructively participate. Ideally, you should log in on a daily basis, but minimally 5 times per week. Participation is easily monitored by yourself and the professor. You are expected to keep abreast of due dates and any schedule changes. Check the announcements for class updates and reminders every time you log on.

3. Tutorials and Tutorial Quizzes (TQs)

A number of on-line tutorials are assigned each week and must be completed on a weekly basis. These tutorials will supplement and support the lecture material and textbook. You are expected to complete these tutorials when assigned, the specifics of which are listed in each week's Overview. To access the online tutorials, click on the link found on each week's Overview page. (If you use a MAC, you may have difficulty accessing this material. Please contact the Technology Support on campus.)

At the end of each tutorial, there is a quiz that you must take. You will then copy your two favorite multiple choice quiz questions and all possible answers (with the correct answer indicated by *) for the week's tutorial (total of only 2 questions / week) into the discussion board by the end of the on-line week (Sunday at 11:59 pm). For each week that you post 2 questions in the proper format into the appropriate week's tutorial question area, you receive 5 points for a maximum of 50 points.

(Do not post a Word.doc as you will not receive credit. Please type your questions directly into a discussion message.)

Sample Format for Posting Multiple Choice Questions in the Discussion Board:

1. The person credited with the idea of natural selection is

A. Charles Darwin

B. Alfred Russel Wallace

C. Gregor Mendel

*D. both A and B.

4. Read the textbook

There is indeed a textbook for this course, listed above. It will be nearly impossible to master content without reading the textbook chapters. It is your responsibility to purchase the textbook in time for the beginning of classes. It is up to you to decide the best time to complete each week's assigned readings. Please ask if you need clarification of materials.

5. Lectures – PowerPoint Slides

For each major section of the course, there are accompanying PowerPoint slides that you can download and/or print. Additional information and resources are contained in these lectures, which are similar to those given in the on-campus version of this course. The PowerPoint slides from the textbook publisher are also posted on our course site. None of these files is narrated. If you have a disability need for narration, please let the professor know as soon as possible and submit your paperwork.

6. Online Textbook Companion for Students: <http://www.cengagebrain.com/>

Access the textbook publisher's online study materials by choosing "Free Study Tools" and enter your textbook's ISBN: 9781111837181. This website contains useful pertinent study tools for mastering course content. Students who regularly use this website learn considerably more and perform better on tests than students who do not make use of it. Most of the companion website will need to be purchased, but there are some free materials you can access.

7. Discussions

In order to delve further into course content, this course will involve discussions with your classmates. For each discussion, you have questions to research, writing to complete, postings to read, and a minimum of two replies to contribute. Posting of your initial commentary, reading others' commentaries, and responding to others are critical for furthering your knowledge, engaging in the class, and for excelling on tests.

If you miss a discussion, you cannot make it up since the moment will have passed. Late discussions are not accepted for any reason.

There are 4 steps to the discussion:

- i. Research: A bit of research will be involved in the form of either reading an article or searching the internet. When there is an article that is the focus of the discussion, read it first and think about the material. When the discussion involves internet research, be sure to adhere to best practices in choosing websites or articles for information.
- ii. Writing: (up to 15 points) Each student will write an initial commentary (i.e., your informed scientific analysis about the material in response to the questions provided). This step must occur BEFORE Friday mornings at 9:00 am. Each initial commentary should be well written, proofread for grammatical and spelling errors, and substantive in content. An initial commentary in the length of 300-400 words is expected. (Do NOT post a Word doc as it will not be graded.) All sources must be cited, whether from the textbook, assigned article, internet website, fellow student, lecture, etc. Use the *American Antiquity* reference style which is posted on the course site. NO Wikipedia ever. You will not be able to view other students' postings until you post your own first. Be sure to thoroughly answer each part of the discussion to earn credit.
- iii. Reading: It is important to see how your classmates have responded to the discussion questions. You are required to read at least half of the initial commentaries of others. The number of commentaries may vary from discussion to discussion but if you read at least 18 (half of full enrollment of 36), you'll complete the requirements for this part. As the professor, it is possible for me to

see how many postings each student has viewed. You should read your peers' commentaries BEFORE posting replies.

iv. Replies: (up to 5 points for each of 2 replies) Each student will comment on the initial posting of at least 2 other students. This step of the discussion will begin at 9:01 am on Fridays. All comments must be posted before the following Sunday at 11:59 pm. Each reply 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 ever. All postings should be thoughtful, informed, respectful, substantive, and constructive. No late replies are accepted for any reason. Each reply should be at least several sentences in length to count for full credit.

8. Quizzes and Final Exam

A major portion of your grade will be derived from 4 quizzes and a final exam. A quiz may consist of multiple choice and true/false questions. There are 50 questions on each quiz (each worth 2 points) and you will have 60 minutes to complete each quiz and the final exam (50 questions). The final exam is comprehensive, covering all class materials.

To take the quiz, you will need to be familiar with Canvas. Be sure you know how to successfully submit your answers when completed. Quiz questions are derived from assigned readings, learning modules, videos/DVDs, handouts, discussions, activities, internet links, lectures, tutorials, and any other instructional material presented in class. It is helpful to turn off all electronic devices before the start of a quiz so that you can fully concentrate on the matter at hand.

Each quiz opens on a Thursday morning at 12:01 AM and closes on a Sunday night at 11:59 PM. There are 50 multiple choice questions. Sixty minutes is allotted to complete a quiz. No late quizzes are accepted for any reason. In order to submit the quiz on time, it needs to be started at least 60 minutes before the due date/time.

The final exam is comprehensive and covers all course materials. It will consist of multiple choice questions. It will be due no later than the first official day of final exams by 11:59 pm. One hour is allotted to complete the final exam. No late final exams are accepted for any reason.

9. Course Evaluation: I value your feedback and seriously take into consideration comments you make on the course evaluation which will be available toward the end of the quarter.

QUIZZES	AVAILABILITY & DUE DATES	MATERIAL COVERED
Quiz 1	Available: Thursday, , 12:01 am Due: Sunday, , 11:59 pm	Textbook Chapters 1, 2, 3, 4 All material from
Quiz 2	Available: Thursday, , 12:01 am Due: Sunday, , 11:59 pm	Textbook Chapters 5, 6, 7, 8 All material from
Quiz 3	Available: Thursday, , 12:01 am Due: Sunday, , 11:59 pm	Textbook Chapters 9, 10, 11 All materials from
Quiz 4	Available: Thursday, , 12:01 am Due: Tuesday, 11:59 pm	Textbook Chapters 12, 13, 14 All materials from
Final Exam	Available: , , 12:01 am Due: Monday, , 11:59 pm	All Textbook Chapters All materials from

HOW MANY POINTS MAKE UP YOUR GRADE?

Assessment	Quantity	Value	% of Grade
Tutorial Questions	10 at 5 points each	50	8%
Discussions	4 at 25 points each	100	15%
Tests	4 at 100 points each	400	62%
Final Exam	1 at 100 points	100	15%
TOTAL		650	100%

WHAT IS THE SCALE FOR FINAL GRADE CALCULATION IN THIS COURSE?

Course Grade	Decimal	Percentage Scale	Corresponding Point Value
A	4.0	92-100%	598-650 points
A-	3.7	90-91%	585-597 points
B+	3.3	88-89%	572-584 points
B	3.0	82-87%	533-571 points
B-	2.7	80-81%	520-532 points
C+	2.3	78-79%	507-519 points
C	2.0	65-77%	422-506 points
C-	1.7	60-64%	390-421 points
D+	1.3	55-59%	357-389 points
D	1.0	50%-54%	325-356 points
F	0	<50%	324 points or less

HOW DO I RECEIVE MY FINAL COURSE GRADE?

Students must complete all course requirements within the quarter in which the student enrolled before a final course grade will be issued. "Official grades are available about 1 week after the quarter ends. Several ways to obtain your grades are:

1. BCC website: www.bellevuecollege.edu
2. Kiosk in the Student Services Building or the Campus Information Center
3. Mail: leave a self-addressed stamped envelope at the Student Service Center, with your Student ID #.
4. In person at the Student Service Center." (Please bring appropriate identification.)

PLEASE NOTE: THERE IS NO EXTRA-CREDIT OFFERED IN THIS COURSE. PUT YOUR ENERGY INTO DOING WELL ON THE NUMEROUS ASSIGNMENTS AND TESTS. MAKE USE OF THE ONLINE STUDY GUIDE OFFERED THROUGH THE TEXTBOOK PUBLISHER: <http://www.cengagebrain.com/>.

IS THERE A MAKE-UP QUIZ OR DISCUSSION IF I MISS A DEADLINE?

If you are requesting a make-up quiz or discussion, because you know in advance that you will not be able to complete an assessment on time for a legitimate reason, you will need to send an e-mail *ahead of time* explaining why you need to miss class, and you will be required to provide *appropriate legitimate* documentation to explain your absence (examples: surgery, extended court appearance, jury duty).

Vacation, work, attendance at social activities, minor health issues, sleeping in, picking up someone from the airport, etc. are not valid excuses for missing a quiz or discussion and you will not be able to make up assessments for these reasons.

Consideration for make-ups is provided **ONLY** if you have contacted me **BEFORE** your absence and you have provided legitimate documentation. It is in your best interest to make all deadlines since there is no guarantee that your circumstances warrant special consideration. Late work submitted without prior approval does not count for credit.

WHAT IF THERE IS A LAST MINUTE EMERGENCY WHEN AN ASSIGNMENT IS DUE?

If you are extremely sick or experience an accident on the day of a quiz, you must contact me as soon as possible. If you wait until after the quiz or discussion was due to explain your absence or ask to make-up work, I will be unable to accommodate your request, regardless of your excuse.

Any other kind of emergency request will be dealt with on a case-by-case basis. It is always important to contact me as soon as possible. To request an accommodation, you will need to write a letter stating why you were unable to take the quiz or complete the discussion, evidence to support your claim, and an explanation of why you think I should agree to your request. A make-up quiz is composed of several essay questions and must be taken as soon as possible after the quiz was given in class. No notes, textbook, or other materials/resources are allowed as the make-up quiz is closed book. The professor may request that you take the quiz on campus under monitored circumstances.

HOW DO I WITHDRAW FROM CLASS IF NEEDED?

The professor cannot withdraw you from class - you must initiate this process. You can withdraw from class for any reason at any point UP UNTIL Sunday, February 23rd. After that date, it will not be possible to withdraw from class. Please be aware that non-attendance in a course does not constitute withdrawal and is reason for failing a course. Be sure to take note of the ramifications for withdrawing from a course. Please review the withdrawal procedures so that you are knowledgeable as to how this process works:

[http://www.bellevuecollege.edu/policies/2/2450P_Withdrawal_from_a_Course_\(Procedures\).asp](http://www.bellevuecollege.edu/policies/2/2450P_Withdrawal_from_a_Course_(Procedures).asp)

IF YOU NEED HELP, PLEASE LET YOUR PROFESSOR KNOW RIGHT AWAY. OFTEN TIMES, A PROBLEM CAN BE RESOLVED IMMEDIATELY AND EFFECTIVELY INSTEAD OF WAITING UNTIL THE END OF THE QUARTER WHEN IT MAY NOT BE POSSIBLE TO RESOLVE THE ISSUE.

IS THERE OTHER INFORMATION THAT I NEED TO KNOW ABOUT THIS COURSE?

Only basic course information is contained in this syllabus. There are other course materials that are your obligation to read. Please go over all documents in the "Start Here" Module. It is your responsibility to understand all policies and procedures. Enrollment in the course constitutes an agreement to be aware of all policies and to abide by all policies.