

# Anthropology 205: Physical Anthropology

**Instructor: Anthony Tessandori**

Office:	D110F
Office Hours:	M-F 10:20 – 12:20
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## **Meeting Times & Locations**

Monday thru Friday 9:30 – 10:20

Final 6/16, 9:30-11:20 am

## **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, cultural diversity, and religious experience. Students in anthropology courses acquire basic skills in critical thinking, oral and written communication, quantitative reasoning, group interaction, and cultural diversity.

## **Content for Anthropology 205: Physical Anthropology**

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

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 hominids and non-human primates and gain

knowledge of their taxonomic classification.

7. To 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.

## General Education Rating

General Education Category	Rating
Critical Thinking, Creativity, and Problem Solving	2
Quantitative and Logical	1
Research/Information Literacy	1
<b>Reading</b>	<b>1</b>
<b>Writing</b>	<b>1</b>
<b>Computer Literacy</b>	<b>2</b>
Self Assessment/ Lifelong Learning	1
Group Processes	1
Ethics	1
<b>Historical and Intellectual Perspectives</b>	<b>2</b>
Cultural Diversity	1
The Nature of Science	3
Science & the Natural World	2
<b>Technology and Society</b>	<b>1</b>

## 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.
- Take advantage of extra credit opportunities.
- Use the instructor's office hours for questions.

If you require an accommodation for a disability, please contact:

Disability Resource Center Contact Information:

Telephone: 425-564-2498

E-mail: [drc@bellevuecollege.edu](mailto:drc@bellevuecollege.edu)

## Textbook Requirements

- "Essential of Physical Anthropology" 7<sup>th</sup> Edition By Robert Jurmain, Lynn Kilgore and Wanda Trevathan, Wadsworth Publishing (Required)
- Ethnography: "Dancing Skeletons", Kathryn Dettwyler, Waveland Press

## **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.

- Discussion of “Dancing Skeletons”: (10 x 5 pts): 50 pts.
- Malaria Project: 100 pts.
- Diversity in you project (4 parts x 50 pts): 200 pts.
- Exams (3 @ 100 pts. ea.): 300 pts.

### **Dancing Skeletons**

This quarter we will be reading “Dancing Skeletons” by Kathryn Dettwyler. This book is the story of an anthropologist doing field work, not the work itself. This book provides many insights into doing field work as well as the conflict that can arise between the person and the anthropologist. There are many aspects of this book that relate directly to people perceptions and methods of dealing with illness, disease and dysfunction. For each chapter of this book we will hold an in-class discussion. Your grade will be based on your participation in the discussion (if you don’t talk, you don’t get the points). If you miss a discussion you cannot receive the points. **Discussions will be held on Thursdays.**

### **Malaria Project**

We will conduct a quarter long project based on malaria, DDT and control of the disease. You will work in groups that I will assign. As a group you will examine a number of topics surrounding the developing world’s malaria epidemic. What can we in the industrialized world do to control malaria? What are the implications to the environment if we eliminate malaria or the vector mosquitoes? Should we do anything? More information will be provided later.

### **The Diversity in You**

You are an individual that is composed of an amazing amount of diversity. Regardless of what you think you are made up, you are made of more. This project will explore this. This project will have five steps. Four will be turned in in-class; the last step will be tacked on to the final exam. Each step will focus on a unique aspect of you. My goal in assigning this is to get you to see yourself in a new and amazing ways. Most of all I want you to enjoy this process. It will be hard at times but in the long run it will be well worth it. More information will be provided. **Late write-ups are subject to 10% reduction in points each day it is late including non-class days and weekends.**

### **Exams**

There will be three non-cumulative exams. Each will cover material from the preceding section of the course. They will be made of 50 multiple-choice and true/false. The final exam may have a cumulative essay portion. You will need a scantron form for each exam. *No makeup exams will be available without written documentation of a legitimate excuse (death, accident, hospitalization, illness, etc.). There will be not makeup laboratories or discussions (these cannot be recreated).*

## Grading Scale

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

Letter	Decimal	Percentage Scale	Lowest point total
A	4.0	96-100%	624
A -	3.7	90-95%	585
B+	3.3	87-89%	565
B	3.0	83-86%	539
B -	2.7	80-82%	520
C+	2.3	75-79%	487

C	2.0	65-74%	422
C -	1.7	60-64%	390
D+	1.3	56-59%	364
D	1.0	50-55%	325
F	0	< 50%	

## Academic Integrity and Safe Zone

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.

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 BCC administration.

## Schedule:

The schedule below indicates due dates for assignments and associated tutorials and readings. Penalty for late submissions of written assignments is 10% per day late.

Date	Reading	Class Activities	Projects
Week 1 4/1/09 – 4/3/09	Jurmain et al. Ch. 1-2	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• History of Evolutionary Thought</li> </ul>	Diversity in You Step 1
Week 2 4/6/09 – 4/10/09	Jurmain et al. Ch. 3-4 D.S. 1-2	<ul style="list-style-type: none"> <li>• Theory of Evolution</li> <li>• Heredity &amp; Evolution</li> <li>• Genetics</li> </ul>	
Week 3 4/13/09 – 4/17/09	Jurmain et al. Ch. 5 D.S. 3 – 4	<ul style="list-style-type: none"> <li>• Genetics Continued</li> <li>• Macroevolution</li> </ul>	Malaria Project
Week 4 4/20/09 – 4/24/09		<ul style="list-style-type: none"> <li>• Forces of Evolution</li> <li>• Evolution vs. ID</li> <li>• DVD: <i>Humanzee</i></li> </ul>	Diversity in You Step 2
No Class 4/23		<ul style="list-style-type: none"> <li>• Exam #1</li> </ul>	
Week 5 4/27/09 – 5/1/09	Jurmain et al. Ch. 6 D.S. 5	<ul style="list-style-type: none"> <li>• Living Primates</li> <li>• Primate Locomotion</li> <li>• Primate Behavior</li> </ul>	

Date	Reading	Class Activities	Projects
Week 6 5/4/09 – 5/8/09  No Class <b><i>EARLY</i></b>	Jurmain et al. Ch.7  D.S. 6 – 7	<ul style="list-style-type: none"> <li>• Primate Social Structure</li> <li>• Primate Evolution</li> <li>• Fossil Primates</li> </ul>	
Week 7 5/11/09 – 5/15/09	Jurmain et al. Ch. 8 - 9  D.S. 8 – 9	<ul style="list-style-type: none"> <li>• Caveman Movie</li> <li>• Hominid Origins</li> <li>• Hominid Early Record</li> </ul>	Diversity in You Step 3
Week 8 5/18/09 – 5/22/09	Jurmain et al. Ch. 10 – 11  D.S. 10 – 11	<ul style="list-style-type: none"> <li>• Hominid Late Record</li> <li>• <i>The Minds Big Bang!</i></li> <li>• <b>Exam #2 (5/22/09)</b></li> </ul>	
Week 9 5/25/09 – 5/29/09  No Class 5/25	Jurmain et al. Ch. 12  D.S. 12 – 13	<ul style="list-style-type: none"> <li>• Modern Humans</li> <li>• Doing Field Work in Kenya</li> <li>• Human Variation</li> <li>• Human Adaptation</li> </ul>	Diversity in You Step 4
Week 10 6/1/09 – 6/5/09	Jurmain et al. Ch. 13 – 14  D.S. 14	<ul style="list-style-type: none"> <li>• BioDemography</li> <li>• Reproductive Ecology</li> </ul>	
Week 11 6/8/09 – 6/12/09		<ul style="list-style-type: none"> <li>• Malaria Presentations</li> </ul>	
Finals 6/16/09 Tuesday		Tuesday 9:30 – 11:20	

Daily, T/TH or T/Th/F ONLY	
6:30 am	<a href="#">See note below</a>
7:30 am	6/16, 7:30-9:20 am
8:30 am	6/18, 7:30-9:20 am
9:30 am	6/16, 9:30-11:20 am
10:30 am	6/18, 9:30-11:20 am
11:30 am	6/16, 11:30 am-1:20 pm
12:30 pm	6/18, 11:30 am-1:20 pm
1:30 pm	6/16, 1:30-3:20 pm
2:30 or 3:00 pm	6/18, 1:30-3:20 pm
3:30 pm	Tuesday, 6/16, 3:30-5:20 pm
4:30 pm	Thursday, 6/18, 3:30-5:20 pm

M/W or M/W/F ONLY at:	
7:30 or 8:30 am	6/17, 7:30-9:20 am
9:30 or 10:30 am	6/17, 9:30-11:20 am
11:30 am or 12:30 pm	6/17, 11:30 am-1:20 pm
1:30 or 2:30 pm	6/17, 1:30-3:20 pm
3:00, 3:30 or 4:30 pm	6/17, 3:30-5:20 pm

**In-class Laptop Policy:**

The use of laptops is permitted in class for note take purposes only. On rare occasions checking the internet for sources is permitted but only when working in groups, or during break. Web surfing, Emailing, Chatting, shopping...etc is not permitted. If you are caught violating these rules you will be banned from using a laptop in class.

**PROCEDURES AND GUIDELINES OF THE SOCIAL  
SCIENCE DIVISION  
Revised Spring 2008**

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 Community 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 Community 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.

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 BCC 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 secretaries will not give out grades. Students should access their grades through the BCC 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 Community 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.*