

Bellevue Community College  
Anthropology 205  
5 units

## Anthropology 205: Physical Anthropology

### ***Instructor:***

Name:	Anthony Tessandori, M.A.
Office:	D110F
Office Hours:	Monday/Wednesday 10:30 – 12:30 and Friday 10:25 – 11:25
Telephone:	425-564-4188
Email:	<a href="mailto:atessand@bellevuecollege.edu">atessand@bellevuecollege.edu</a>

### ***Meeting Times & Locations***

Tuesday & Thursday 8:30am – 10:20am D101  
And Friday 9:30am – 10:20am

Final Thursday – 3/19, 7:30-9:20 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:

- Distinguish between scientific and nonscientific approaches to human origins.
- Outline and apply the principle steps of the scientific method.
- Explain the basic principles of evolution (natural selection, mutation, gene flow, genetic drift, and recombination).
- Examine and evaluate the application of genetics to human evolution and migration patterns.
- Recognize, compare and contrast human, ape, and monkey skeletal anatomy.
- Examine and evaluate the ape and hominid fossil record.

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- Compare and contrast biological and cultural impacts on human physical and sexual variation.

### ***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**

- Text: “*Introduction to Physical Anthropology*” 11<sup>th</sup> Edition, Robert Jurmain, Lynn Kilgore, and Wenda Trevathan, Thomson Wadsworth, ISBN-10: 0495187798

### **Textbook Recommended**

- Anatomical Atlas: “*Human Origins: The Fossil Record*” 3<sup>rd</sup> Edition, Clark Spencer Larsen, Robert M. Matter and Daniel L. Gebo, Waveland Press, ISBN 978-1-57766-002-6

### ***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.

- Lab assignments: (2 x 25 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.

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### **Lab Assignments**

We will be conducting two hands-on activities. These will examine the scientific method and the primate fossil record. For these “labs” you will have to complete a work sheet. For this assignment you will have to be present to be eligible for the points. There are not make ups for these assignments. A more detailed explanation will be handed out on the day of the “lab. **Late write-ups are subject to 10% reduction in points each day it is late including non-class days and weekends.**

### **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	Labs and Projects
Week 1 1/6/09 Tuesday		Introduction	
1/8/09 Thursday	Jurmain et al. Ch. 1-2	History of Evolutionary Thought	
1/9/09 Friday			Diversity in You Step 1
Week 2 1/13/09 Tuesday		Theory of Evolution	
1/15/09 Thursday	Jurmain et al. Ch. 3-4	Heredity & Evolution	
1/16/09 Friday		Genetics	Article: Blue People

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<b>Date</b>	<b>Reading</b>	<b>Class Activities</b>	<b>Labs and Projects</b>
Week 3 1/20/09 Tuesday		Genetics Continued	
1/22/09 Thursday	Jurmain et al. Ch. 5	Macroevolution	Malaria Project
1/23/09 Friday		Forces of Evolution	
Week 4 1/27/09 Tuesday		Evolution vs. ID	Diversity in You Step 2
1/29/09 Thursday	Jurmain et al. Ch. 6-7	DVD: <i>Humanzee</i>	
1/30/09 Friday		<b>Exam #1</b>	
Week 5 2/3/09 Tuesday		Living Primates Primate Locomotion	
2/5/09 Thursday	Jurmain et al. Ch. 8	Primate Behavior and Primate Social Structure	
2/6/09 Friday			Primate Comparative Osteology
Week 6 2/10/09 Tuesday		Primate Evolution	
2/12/09 Thursday	Jurmain et al. Ch. 9-10	Fossil Primates	
2/13/09 Friday		Caveman Movie	
Week 7 2/17/09 Tuesday	DS Ch. 10,11	Hominid Origins	Diversity in You Step 3
2/19/09 Thursday	Jurmain et al. Ch. 11	Hominid Early Record	
2/20/09 Friday			Hominid Fossil Lab
Week 8 2/24/09 Tuesday		Hominid Late Record	
2/26/09 Thursday	Jurmain et al. Ch. 12-13	<i>The Minds Big Bang!</i>	
2/27/09 Friday		<b>Exam #2</b> Modern Humans	
Week 9 3/3/09 Tuesday		Doing Field Work in Kenya	

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Date	Reading	Class Activities	Labs and Projects
3/5/09 Thursday	Jurmain et al. Ch. 14	Human Variation Human Adaptation	
3/6/09 Friday		BioDemography	Diversity in You Step 4
Week 10 3/10/09 Tuesday	Jurmain et al. Ch. 15-16	Reproductive Ecology	
3/12/09 Thursday		Malaria Presentations	
3/13/09 Friday		Malaria Presentations	
Week 11 3/17/09 Tuesday		Buffer day	
Finals 3/19/09	Thursday	7:30-9:20 am	

Finals Schedule

Daily or T/Th or T/Th/F ONLY at:	final exam
7:30 am	Fri, 3/20, 7:30-9:20 am
8:30 am	Th, 3/19, 7:30-9:20 am
9:30 am	Fri, 3/20, 9:30-11:20 am
10:30 am	Th, 3/19, 9:30-11:20 am
11:30 am	Fri, 3/20, 11:30 am-1:20 pm
12:30 pm	Th, 3/19, 11:30 am-1:20 pm
1:30 pm	Fri, 3/20, 1:30-3:20 pm
2:30 or 3:00 pm	Th, 3/19, 1:30-3:20 pm
3:30 pm	Fri, 3/20, 3:30-5:20 pm
4:30 pm	Th, 3/19, 3:30-5:20 pm

M & W or M/W/F ONLY at:	final exam
7:30 or 8:30 am	Mon, 3/23, 7:30-9:20 am
9:30 or 10:30 am	Mon, 3/23, 9:30-11:20 am
11:30 am or 12:30 pm	Mon, 3/23, 11:30 am-1:20 pm
1:30 or 2:30 pm	Mon, 3/23, 1:30-3:20 pm
3:00, 3:30 or 4:30 pm	Mon, 3/23, 3:30-5:20 pm

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**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.*