

Anthropology 236: Forensic Anthropology Online

Spring 2014

Instructor:

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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, 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 236: Forensic Anthropology

Introduces the basic procedures employed by forensic anthropologists during the recovery and analysis of human remains and associated materials of legal interest. Explores how biological anthropologists apply expertise in osteology, skeletal variation and plasticity, skeletal pathology, archaeological recovery of evidence, and body decomposition to medical/legal investigations. *Recommended Prerequisite:* ANTH& 204 (prev ANTH 105) or ANTH& 205 (prev ANTH 201) or ANTH 215.

At the conclusion of Anthropology 236 you will be able to:

1. Identify elements of human skeletal and dental anatomy.
2. Identify characteristics that differentiate the manner of death (natural causes, homicide, suicide or accident), and the principles used for estimation of time of death.
3. Describe techniques used for biological profiling (age, sex, race, height) from skeletal remains.
4. Describe the theories and techniques used in forensic DNA analysis.
5. Describe characteristics of evidence at crime scenes, including methods of collection, preservation, analysis, class differentiation, comparison, and report preparation.

6. Demonstrate an understanding of the legal role of the forensic anthropologist including issues in crime scene processing and evidence collection.

General Education Rating:

Big 3	General Ed Requirement	Rating
Creative and Critical Thinking	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 during the week assigned.
- Participate actively in each online discussion and activity. Discussions will close at the posted time. No makeup discussions are available.
- Take advantage of extra credit opportunities.

If you require an accommodation for a disability, please contact: Disability Resource Center
Contact Information:

Telephone: 425-564-2498

E-mail: drc@bellevuecollege.edu

Textbook Requirements

- Forensic Anthropology 4th edition, by Steven N. Byers. (2010), Pearson Prentice Hall, ISBN 978-0205790128

It is of the up most importance that you keep up with the topics covered in the book. There are some topics that will not be covered in the course lectures that you will be responsible for on the final exam (legal aspects of forensics).

- Human Osteology 3rd edition by Tim D. White (2011), Academic Press, ISBN 978-0123741349

The Flow of the class

This online class has a strict schedule that will be followed. The nature of Forensic Anthropology is that to have a complete understanding one topic there is a good deal of support material that must be understood first. To ensure that you have covered all of the required material, each week will have to be completed for the following week to become available. Starting with the “START HERE” module, you will have to access all of the documents and submit the “SYLLABUS QUIZ” for the “WEEK ONE” folder to open. Each week will follow this same pattern.

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.

- Attendance: (10pts. Per week) 100 pts.
- “Bones” analysis (2 x 25pts) : 50pts.
- Bone lab activities (5 x 12pts.): 60pts.
- Identification lab activities (4 x 35 pts.): 140 pts.
- Lab quizzes (4 x 25 pts.): 100 pts.
- Exam: 200 pts.

Attendance

Being that this is an online course you are expected to sign on to Canvas at least 5 times per week. The online week runs from Monday to Sunday. This means that every Monday the count of your online logins for the week starts and concludes on Sunday of the following week. Logins includes lectures, completing assignments, taking quizzes or checking announcements or emails. It is important to check in often, so you do not miss out on any announcements. These points are all or nothing. If you fail to log on 5 times in a week you will not receive points for that week.

“Bones” Analysis

You will be using your knowledge of Forensic Anthropology to analyze the show “Bones”. You will watch 2 episodes of the TV show “Bones”. While you watch each episode, look for evidence

that is of forensic anthropological interest (bones , teeth , weapons, artifacts, biofacts, etc. If you do not have access to T.V. or an internet source showing this program there will be several videos available in the library. More information will be posted to the week 3 module. Please do not start this activity until the deals are released.

Bone Lab Activities

Starting the second week there will be lab activities that will cover the bones of the body. The purpose of these labs is to give you the foundation you will need to complete the 'Identification labs' and the Final Exam.. In these assignments you will memorize all the bones and the features and landmarks. Being able to quickly recall the bones and features by sight and description is key to successfully completion of the quizzes and exam as they do have time limits. Each assignment is worth 15 pts.

Identification Lab Activities

Starting the sixth week there will be lab activities that will cover the materials examined during lectures and reading assignments. The purpose of these labs is to give you the tools and methods used in developing identifying characteristics of a person from human remains. The details of each assignment will be stated in the posted assignment. Each assignment is worth 35 pts.

All lab assignments will be opened on Monday at 12:00 am (the first day of the online week) and will be **due on Sunday at 11:59pm**. All assignments turned in after Sunday at 11:59pm will be considered late. Late assignments will be reduced by 10% each day beyond the due date (including weekends)..

Lab Quizzes

Throughout the quarter there will be 4 quizzes. Each quiz will cover the material indicated in the class schedule. The format of each quiz will be determined by the nature of the material covered. Most quizzes will consist of multiple choice, true/false and fill in the blank. Once you start the quiz you will have to complete it within 25 minutes. You are allowed to use notes, books etc. **I will warn you, you will have a little more than one minute to for each question. This means that you will need to know the material fairly well before you start.** Questions answered after 25 minutes have expired may not count as correct answers. If you have technical difficulties (i.e. internet crashes, lockouts, unexplainably the window your quiz was in closes...etc.) inform me ASAP. I may reset your quiz. This is up to my discretion. I will not reset quizzes after the quiz has closed. The details for each quiz will be included in the instruction section. Each quiz is worth 25 points.

Final Exam

There will be a cumulative final exam. It will be cumulative in that the material covered will come from all of the sections of the class. This exam will be the final evaluation of how well you have learned, mastered and can apply the material from the quarter. The format of this exam will be a simulated forensic case. You will have to use the methods you've learned to recognize bones, collect data, help identify a crime victim and determine cause of death. This exam will contain information covered in the lectures, labs, other course materials and the text book. The evidence and the will be posted during the 10th week of the class.

No makeup exams will be allowed without written documentation of a legitimate excuse (death, accident, hospitalization, illness, etc.).

HIGHLIGHTS: THINGS TO REMEMBER

- Online week starts on Tuesday and ends on Monday
- Log-on to Canvas 5 times per week
- Lab activities open on Tuesdays at 8:00 am and are due on Monday at 5:00pm
- Quizzes cover the materials indicated in the schedule
- Quizzes are open note.
- You only have 20 minutes to complete the quiz – Don't rely on your notes, PLEASE STUDY BEFORE YOU START.
- Questions answered after the time has expired may not be counted.
- Quizzes open on Friday at 8:00am and close on Monday at 5:00pm.
- The final exam is cumulative.

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)
A- = 90-91%	(585-597 pts)
B+ = 88-89%	(572-584 pts)
B = 82-87%	(533-571 pts)
B- = 80-81%	(520-532 pts)
C+ = 78-79%	(507-519 pts)
C = 72-77%	(468-506 pts)
C- = 70-71%	(455-467 pts)
D+ = 68-69%	(442-454 pts)
D = 50%-67%	(325-441 pts)

F = <50% (<325 pts)

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 BC 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	Lecture	Laboratory	Quizzes
WEEK 1		• Introduction		
4/7–4/13	Ch. 1	• Orientation • Bone Structure		
WEEK 2	Ch. 2	• The Skull	Bones of the Skull (Bone lab #1)	
4/14– 4/20		• Intro to Dentition		
WEEK 3		• Axial Skeleton	Bones of the Axial Skeleton and teeth (Bone lab #2)	
4/21– 4/27	Ch. 16	• Dentition		
WEEK 4				Lab quiz 1
4/28-5/4		• Appendicular Skeleton	Upper Appendicular (Bone lab #3)	Weeks 1 – 3
WEEK 5				
5/5-5/11	Ch. 3, 4, 5	• Forensic Context and Recovery	Lower Appendicular (Bone lab #4)	
WEEK 6		• Sex Determination		Lab quiz 2

5/12-5/18 WEEK 7	Ch. 8, 17	• Metric and Non-Metric Variation	Sex determination (Lab #1)	Weeks 4 and 5
5/19-5/25 WEEK 8	Ch. 9	• Age Determination • Stature Estimation	Age determination (Lab #2)	Lab quiz 3
5/27-6/1 WEEK 9	Ch., 10, 15	• Pathology	Stature determination (Lab #3)	Weeks 6 and 7
6/2-6/8 WEEK 10	Ch. 7	• Racial Determination	Racial determination (Lab #4)	Lab quiz 4
6/9-6/15 WEEK 11	Ch. 11, 12, 13, 14	• Cause and Manner of Death		Weeks 8 - 10
6/16-6/19		• Study for exam • Final Exam	Study for exam	
Finals week				

SNOW DAYS or other non-schedule class cancellations

The possibility is always there that class will be cancelled unexpectedly. In the case that class is cancelled, I will post information on Canvas. This will include lecture material, assignments and handouts. It is your responsibility to check this in a timely manner before the next class session. Material provided in this way will be covered as a review in class but may not be lectured on in detail.

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; Bio anthropology 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. Tony Tessandori (tony.tessandori@bellevuecollege.edu) to learn more about majoring in anthropology.

WOULD YOU LIKE TO JOIN THE WEIRD ANTHROPOLOGY CLUB

Anthropologists can and do study just about anything. In our classes, you will learn about some of the usual topics...Join the club and find out about the other stuff. The mission of **THE SOCIETY OF STUDENT ANTHROPOLOGISTS @ BC** is to explore topics that other groups do not cover. You can expect to investigate topics from Bigfoot to indigenous hunting techniques and everything else in between. We also continually contribute to a Heifer International Fund. Please contact Anthropology Professor Tony Tessandori, club advisor, if you are interested in joining other budding anthropologists in their pursuit of understanding humanity. (tony.tessandori@bellevuecollege.edu) ALSO see our Facebook page [Society of Student Anthropologists at BC](#).

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

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.

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/h

er 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.*