

Anthropology 207: Forensic Anthropology

Instructor:

Name:	Anthony Tessandori, M.A.
Office:	D 110 F
Office Hours:	MWF 12:30 – 2:00 TTH 11:30 – 12:00 or By appointment
Telephone:	425-564-4188
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Meeting Times & Locations

T & Th (Lecture & Discussion)	3:00p-5:10p	D101
Final	Tues, 12/9, 3:30-5:20 pm	

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 207: 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 anthropologist apply expertise in osteology, skeletal variation and plasticity, skeletal pathology, archaeological recovery of evidence, an body decomposition to medical/legal investigations. Same as CJ 207 (prev ADMCJ 207). Either ANTH 207 or CJ 207 (prev ADMCJ 207) may be taken for credit, not both. Prerequisite: ANTH& 204 (prev ANTH 105) or ANTH& 205 (prev ANTH 201) recommended.

At the conclusion of Anthropology 207 you will be able to:

- Identify elements of human skeletal and dental anatomy.
- Explain techniques of evaluation of crime scenes utilized by forensic sciences.
- Describe different methods used for human identification and the role played by the forensic anthropologist in death investigations.
- Identify characteristics that differentiate the manner of death (natural causes, homicide, suicide or accident), and the principles used for estimation of time of death.
- Describe techniques used for biological profiling (age, sex, race, height) from skeletal remains.

- Explain the principles and circumstances of poisoning and identify the required toxicological methods (including methods of collection and preservation) used for analysis.
- Describe characteristics of evidence at crime scenes, including methods of collection, preservation, analysis, comparison and report preparation.
- Demonstrate the basic principles of forensic photography and understand the related legal issues.
- Demonstrate an understanding of the application of DNA analysis, facial reconstruction and photo superimposition.
- Demonstrate an understanding of the legal role of the forensic anthropologist including issues in crime scene processing and evidence collection.
- Demonstrate an understanding of the roles of forensic experts and how teamwork is used in crime scene investigation.
- Apply basic objective scientific research methods, including research question, methodology, data analysis, report preparation and recommendations for medico-legal applications.

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

Textbook Requirements

- Crime Scene Analysis: Practical Procedures and Techniques by Wilson T. Sullivan III (2007). Pearson Prentice Hall, ISBN 0-13-119131-4
- Forensic Anthropology: Laboratory Manual by Steven N. Byers. (Second Edition), (2008), Pearson Prentice Hall, ISBN 0-205-53236-5

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 (10 x 15 pts): 150 pts.
- Lab Practical: (2 x 100 pts): 200 pts.
- Exams (3 @ 100 pts. ea.): 300 pts.

Lab Assignments

We will be conducting to hands on activities. These will examine the scientific method and the primate fossil record. For these “labs” you will have to complete the work sheet found in the lab manual. For this assignment you will have to be present to be eligible for the points. There are not make ups for these assignments. If you do miss a lab section although you cannot get the points for it, I recommend that you do get the information from a classmate. It will be important for the lab practicals. **Late write-ups are subject to 10% reduction in points each day it is late including non-class days and weekends.**

Lab Practical

We will have two lab practicals. The first will cover the bones of the body, features on the bones and orientation of the bones. The second will cover what the bones can tell us through anthropometrics, and morphology. More detailed descriptions of what I expect from you will be presented in class. Because these practicals are based on the hands on labs we have in class, it is crucial to your success in this class that you do not miss class session. **There are no make-up for either practical.**

Exams

There will be three non-cumulative exams. Each will cover material from the preceding section of the course. This includes lecture, lab and text readings. 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.

Points	Grade	Points	Grade	Points	Grade	Points	Grade	Points	Grade
630	4.0	555	3.5	499	3.0	458	2.5	406	2.0
615	3.9	540	3.4	485	2.9	446	2.4	398	1.9
600	3.8	525	3.3	478	2.8	438	2.3	386	1.8
585	3.7	515	3.2	470	2.7	426	2.2	379	1.7
570	3.6	505	3.1	464	2.6	418	2.1	below	0.0

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 9/23/2008 Tuesday		Introduction and What is Forensic Anthropology	
9/25/2008 Thursday	Chapter 1- 6	What can bones tell us? and Bones	
Week 2 9/30/2008 Tuesday	Chapter 1- 6	Bones Cont. and Bone Growth and development	Lab 1
10/2/2008 Thursday	Chapter 1- 6	Axial Skeleton 1 The Skull, auditory ossicles and the hyoid bone	Lab 2.1*
Week 3 10/7/2008 Tuesday	Chapter 1- 6	Axial Skeleton 2 The Rib cage, Sternum and Vertebral Column	Lab 2.2*

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Date	Reading	Class Activities	Labs and Projects
10/9/2008 Thursday	Chapter 1- 6	Appendicular Skeleton 1 Upper Limb bones and Pectoral girdle	Lab 2.3
Week 4 10/14/2008 Tuesday	Chapter 1- 6	Appendicular Skeleton 2 Lower limb bones and Pelvic girdle	Lab 2.4
10/16/2008 Thursday	Chapter 1- 6	Dentition	Lab 2.5
Week 5 10/21/2008 Tuesday	Chapter 1-6	Exam 1 Practical 1	
10/23/2008 Thursday	Chapter 7- 12	Sex Determination	Lab 8
Week 6 10/28/2008 Tuesday	Chapter 7- 12	Age Determination	Lab 9
10/30/2008 Thursday	Chapter 7- 12	Metric Variation and Non-Metric Variation	Lab 7
Week 7 11/4/2008 Tuesday	Chapter 7- 12	Stature Estimation and Racial Determination	Lab 10
11/6/2008 Thursday	Chapter 7- 12	Paleo-Pathology, Indicators of stress and Paleodemographics	
Week 8 11/11/2008 Tuesday	NO CLASS		
11/13/2008 Thursday	Chapter 7- 12	Exam 2 And Practical 2	
Week 9 11/18/2008 Tuesday	Chapter 13- 21	Ethics and the Politics of the Dead and The types of Forensic Science expertise	
11/20/2008 Thursday	Chapter 13- 21	Legal aspects of the Forensic Sciences	
Week 10 11/25/2008 Tuesday	Chapter 13- 21	Forensic Pathology and Odontology	Lab TBA
11/27/2008 Thursday	NO CLASS		
Week 11 12/2/2008 Tuesday	Chapter 13- 21	Trace and Micro Evidence, Toxicology, and Serology	
12/4/2008 Thursday	Chapter 13- 21	DNA Analysis	

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Date	Reading	Class Activities	Labs and Projects
Finals 12/9/2008 Tuesday	Chapter 13- 21	3:30 – 5:20	

(* Denotes these “labs” are part of one assignment)

Finals Schedule

If your class meets Daily or M/W or M/W/F ONLY at:	Your final exam will be given on:
7:30 am	Mon.12/8, 7:30-9:20 am
8:30 am	Wed. 12/10, 7:30-9:20 am
9:30 am	Mon. 12/8, 9:30-11:20 am
10:30 am	Wed. 12/10, 9:30-11:20 am
11:30 am	Mon, 12/8, 11:30 am-1:20 pm
12:30 pm	Wed, 12/10, 11:30 am-1:20 pm
1:30 pm	Mon, 12/8, 1:30-3:20 pm
2:30 or 3:00 pm	Wed, 12/10, 1:30-3:20 pm
3:30 pm	Mon, 12/8, 3:30-5:20 pm
4:30 pm	Wed, 12/10, 3:30-5:20 pm

If your class meets T/Th or T/Th/F ONLY at:	Your final exam will be given on:
7:30 or 8:30 am	Tues. 12/9, 7:30-9:20 am
9:30 or 10:30 am	Tues, 12/9, 9:30-11:20 am
12:30 pm	Tues, 12/9, 11:30 am-1:20 pm
1:30 or 2:30 pm	Tues, 12/9, 1:30-3:20 pm
3:00, 3:30 or 4:30 pm	Tues, 12/9, 3:30-5:20 pm

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

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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.*