

## Anthropology& 236: Forensic Anthropology

Instructor: **Anthony Tessandori**

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Office Hours:	
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### Meeting Times & Locations

Tuesday/Thursday

10:30 – 12:20

Final Exam

Part 1 – 3/15 (10:30 – 12: 20) and

Part 2 – 3/22 (9:30 – 11:20)

### 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 anthropologist apply osteology, skeletal variation and plasticity, skeletal pathology, archaeological recovery of evidence, an body decomposition to medical/legal investigations. Prerequisite (recommended): ANTH& 204 (prev. ANTH 105) or ANTH& 215 (prev. ANTH& 205 and Anth 201)

### 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 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.

### Textbook (Required)

*Forensic Anthropology: A Comprehensive Introduction, 2nd Ed.*

by Langley and Tersigni-Tarrant ISBN-13: 978-1498736121

*Human Osteology Lab and Field Manual (5<sup>th</sup> edition)* by Bill Bass ISBN 9780943414966



## 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 sign out sheet: 70 pts
- Review Questions 80 pts
- Exam: 100 pts
- Bone test: 100 pts
- Lab Portfolio: 150 pts
- Practicum: 250 pts

## Lab sign-in and out

As you work through the various labs in this class, I expect that you will spend an adequate amount of time working in the lab. The amount of time is up to you, if you feel you have mastered the material you are free to leave. However, you will have to sign-out of the lab when you leave so we have a record of this. If you do not sign out, you will not get credit that day. It is all or nothing and must happen in class. I will not accept emailed sign-outs. Each sign-out is worth 5 points worth a total of 70 pts.

## Bone Test

On Feb. 6<sup>th</sup> your first examination will be held. It will cover the bones of the body, features on the bones and orientation of the bones. This test will evaluate your ability to quickly recognize different elements of the skeleton. Knowing the bones, features, landmarks and orientations of bones is the first step in reconstructing a forensic crime scene.

**THERE WILL BE NO MAKE-UPS GIVEN FOR THIS EXAM. THE REQUIRED SETUP FOR THIS EXAM MAKES ALTERNATIVE TIMES IMPOSSIBLE.**

## Review Questions

There twelve assigned readings chapters from the textbook “*Forensic Anthropology: A Comprehensive Introduction*”. Four of these chapters will just be reading. For the remaining eight of the chapters you will answer the “review questions” in the back of each chapter. Chapter review questions are due the Thursday a week after it is assigned. The **bolded chapters** in the syllabus schedule have assigned review questions. Question will be submitted online.

## Lab Portfolio

We will be conducting hands on lab activities throughout the quarter. These labs will examine human and non-human bones; structures and features of bones, human remain identification and crime scene analysis. For these “labs” you must complete a lab activity which will be provided in class.

These assignments will include charts to fill in, vocabulary, questions to answer and drawings. All elements are meant to help you master the material and grasp the concepts of human osteology. Once you have completed each lab assignment you will put it in a binder (I will provide), this will serve as your lab notebook/portfolio. Your grade is based on completeness of your binder. **YOU WILL SUBMIT THIS BINDER AT THE END OF THE QUARTER FOR A GRADE.** You will want to use all the time you have, to learn the bones and methods. You may think you can do it at home, but I assure you that the hands-on lab activities are the only way to get a strong enough grasp on the material to appropriately apply it.

## Exam

This class will have one exam near the end of the quarter. It will cover all the material from this class, but will focus on non-diagnostic materials, including the bone identification, forensic context, evidence types and text readings. It will be made of 50 multiple-choice true/false and fill-in questions.

**NO MAKEUP EXAMS WILL BE AVAILABLE WITHOUT WRITTEN DOCUMENTATION OF A LEGITIMATE EXCUSE (DEATH, ACCIDENT, HOSPITALIZATION, ILLNESS, ETC.). IF A MAKEUP EXAM IS GRANTED IT MAY BE DIFFERENT IN FORMAT THAN THE CLASS EXAM.**

## Lab Practical Examination

We will have a lab practical that will occur during the last day of class and during the final period. The practical will utilize all your skills of identification. It will require critical thinking and creative problem solving. More detailed descriptions of what I expect from you will be presented in class. Because the practical is 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 WILL BE NO MAKE-UPS FOR THE PRACTICAL. YOU MUST BE PRESENT FOR BOTH DAY OF THE PRACTICAL TO RECEIVE CREDIT. IF YOU CANNOT DO THIS YOU SHOULD RECONSIDER TAKING THIS CLASS.**

### Grading Scale

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

Grade	Point Value	Grade	Point Value	Grade	Point Value	Grade	Point Value
A	750 – 697	B	651 – 622	C	576 – 547	D	494 – 450
A-	696 – 675	B-	621 – 600	C-	546 – 525	F	449 and below
B+	674 – 652	C+	599 – 577	D+	524 – 495		

### ACADEMIC INTEGRITY AND SAFE ZONE

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.

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.

### Schedule:

The schedule below indicates due dates for assignments and associated tutorials and readings.

Date	Reading	Class Activities	Labs and Projects
Week 1 1/2 & 1/4	<u>Ch. 1, 2</u>	Introduction What is Forensic Anthropology Body Orientation	Lab 1 - Body orientation
Week 2 1/9 & 1/11	<u>Ch. 3,4</u>	Bone Growth and development Landmark and features Forensic Context	Lab 2 – Landmarks and features Lab 3 – Forensic Context
Week 3 1/16 & 1/18	<u>Ch. 6, 7</u>	The skull and dentition The Rib cage, Sternum Vertebral Column	Lab 4 – Bones of the skull and Dentition Lab 5 – Axial Skeleton
Week 4 1/23 & 1/25		Upper Limb bones Pectoral girdle	Lab 6 – Upper Appendicular
Week 5 1/30 & 2/1		Lower limb bones Pelvic girdle Skeleton Review	Lab 7– Lower Appendicular
Week 6 2/6	NO CLASS 2/8	Bone Test	
Week 7 2/13 – 2/15	Ch. 8	Sex Determination Metric and Non-Metric Variation	Lab 8 – Sex Determination
Week 8 2/20 – 2/22	Ch. 10 <u>Ch. 12</u>	Age Determination Cause and Manor of Death	Lab 9 – Age at Death
Week 9 2/27 – 3/1	Ch. 9 <u>Ch. 13</u>	Racial Determination Osteo-Pathology and traumas	Lab 10 – Ancestry Determination
Week 10 3/8 (NO CLASS 3/6)	Ch. 11	Stature Estimation	Lab 11 – Stature Determination
Week 11 3/13 – 3/15		Exam Practical Review Final Exam day 1 – 3/15	
Final Week 3/21 – 3/23		Final Exam day 2 – 3/22 (9:30 – 11:20)	

**No makeup on Discussion, Labs, Quizzes or Exams will be available without written documentation of a legitimate excuse (death, accident, hospitalization, illness, etc.). Just saying you were sick, you have a family trip planned, or you MUST pick someone up at the airport is not enough, nor is a note from your mother.**

### CANVAS SITE LAYOUT

This course has a canvas site. All course materials provide in class will also be available on the canvas site. All materials will be accessed from the homepage. There is no other need to look around under files or other links. Each element of the course (lectures, labs, handout, etc.) will have its own page, linked to the home page. Each link will become active after the material has been presented in class.

### LATE WORK SUBMISSION

- **Written assignments that are submitted after the start of class on the day it is due will be subject to a 10% reduction in points for every day it is late including weekends, non-instruction days and holidays.**
- **After a week, late assignments will not be accepted and a 0 will be awarded.**
- **Late emailed submissions are subject to 10% reduction in points for every day late included the due date.**

### MY SCHEDULE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 AM					
9:30 AM					Office/Lab Hours 9:30 - 10:30
10:00 AM	Office Hours 10:00 - 10:30	Office Hours 10:00 - 10:30	Office Hours 10:00 - 10:30	Office Hours 10:00 - 10:30	
10:30 AM	Anth& 215 B120 10:30 - 12:20	Anth& 236 B120 10:30 - 12:20	Anth& 215 B120 10:30 - 12:20	Anth& 236 B120 10:30 - 12:20	Anth& 215 B120 10:30 - 12:20
11:00 AM					
11:30 AM					
12:00 PM					
12:30 PM	Office Hours 12:30 - 1:30		Office Hours 12:30 - 1:30		Office Hours 12:30 - 1:30
1:00 PM					
1:30 PM					

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

### Spring 2018

Course	On Campus	Online
ANTH&100 -Survey of Anthropology	X	X
ANTH 108 - Food, Drink and Culture	X	
ANTH/CES 180 - American Life and Culture	X	X
ANTH&204 - Archaeology	X	
ANTH&205 - Biological Anthropology		X
ANTH&206 - Cultural Anthropology		X
ANTH 208 - Language, Culture and Society	X	X
ANTH&234 - Religion and Culture		X
ANTH 235 - Cross Cultural Medicine	X	
ANTH&236 - Forensic Anthropology		X

### ***SNOW DAYS or other non-schedule class cancelations***

The possibility is always there that class will be cancelled unexpectedly. In the case that class is cancelled, I will post information on Canvas as an announcement. 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; Bioanthropology 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. Anthony Tessandori ([tony.tessandori@bellevuecollege.edu](mailto:tony.tessandori@bellevuecollege.edu)) to learn more about majoring in anthropology.

**COMMUNICATION:** According to Bellevue College policy, I am only allowed to communicate with students over official BC emails systems (Bellevue Email or Canvas). If you email me from your personal email I may not respond. I am also subject to FERPA law which states that I am not allowed to communicate with any other person outside this institution about your academic issues without given and documented consent (this includes parents, none BC teachers or instructors)

### **Computer and Cell Phone Policy**

If you choose to take lecture notes on a computer, you are free to do so. You are not permitted to email, Facebook or any other non-class related computer activity. You may want to check the web for more information about a topic we are discussing, please resist this temptation because it is can be distracting to other students. Please be aware that I know when you are doing something other than taking notes during lectures. The same is true for texting...You cannot hide it. Please refrain from this as well, improper computer use and texting during lecture can be highly distracting to other students and can negatively affect the learning environment. **I reserve the right to restrict or deny computer and cell phone usage in this class.**

### **Message from the chair**

The Anthropology Department consists of a group of dedicated educators. We all want our students to learn and grow as they progress through their educations. We all are passionate about our fields of study and believe that what we have to say is important. We all feel that it is important that you come to class and take part in the learning process. We also know that life happens outside of our classrooms and missing class is sometime unavoidable. In order for all of us to work together an open dialog between students and instructors is key. Most often an understanding can be reached when outside situation arises. If at any time during the quarter, you find that you are having concerns with the way a situation is being handled there are some steps to be followed. First you should talk direct to the instructor ask for clarification or further explanation. If you feel you are not getting the results you require, contact me (Anthony Tessandori, Department Chair) at [tony.tessandori@bellevuecollege.edu](mailto:tony.tessandori@bellevuecollege.edu). I will do what I can to help resolve any issues. If I am unable to help alleviate your concerns, you should contact the Interim Dean of Social Science (Virginia Bridwell) at [Virginia.bridwell@bellevuecollege.edu](mailto:Virginia.bridwell@bellevuecollege.edu)

I look forward to the coming quarter and I hope to speak to each of you about the possibilities anthropology has to offer.

Have a great quarter

Tony Tessandori

### **Anthropology Paper Usage Policy**

In an attempt to conserve resources, the Anthropology Department has implemented a paper use reduction policy. We will use MyBC to post materials required for class (i.e. readings, activities, the complete syllabus...). When necessary we will make copies for class, but this will be when posting is not an option. You are not expected to print all materials. When we think it would be beneficial to print materials we will inform you of this. but will not require it. We know that it is not always convenient and understand that we all must make changes to attain a sustainable life style.

**EXPLORE THE LMC!** The Library Media Center is at your fingertips! I *strongly* encourage you to visit the LMC at least this quarter, but you can also access it via the web. Talk to a Reference Librarian at the Library (D-126), by calling (425) 564-6161, or by email: [reference@bellevuecollege.edu](mailto:reference@bellevuecollege.edu).

- **Main Library Media Center:** <http://bellevuecollege.edu/lmc/>
- **For the LMC online catalog:** <http://bellevuecollege.edu/lmc/catalogs.html>
- **For article databases:** <http://bellevuecollege.edu/lmc/periodicals.html>

**For all of your written work:** Submit proofread work **only**. Work not proofread will be returned *once* for a rewrite, expected to be handed in within 48 hours. If you need help with your writing, please make use of the following student support services:

- Academic Success Center: <http://bellevuecollege.edu/academicsuccess/>
- Academic Tutoring Center: <http://bellevuecollege.edu/tutoring/>
- TRiO Student Support Services: <http://bellevuecollege.edu/TRiO/>
- Writing Lab @ BCC: <http://bellevuecollege.edu/writinglab/>

The MyBC website for this class: got to [www.bellevuecollege.edu](http://www.bellevuecollege.edu).

Click on MyBC link at the top of the page. Sign in and click on Class website link. There you will find course documents – which is where you will find the needed materials for this class.

**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.

## **PROCEDURES AND GUIDELINES OF THE SOCIAL SCIENCE DIVISION**

### **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.

**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

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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 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.*

By signing this sheet and returning it to my office during office hours. I want to meet you one on one. If you cannot make my office hours...I'm pretty much always there. This is due by 1/9.

I affirm that I have read and understand the requirements of Anth&236: Forensic Anthropology (Winter 2018) set forth in the Syllabus Document posted to the class website. **If I do not return this form I understand I am still subject to the requirements of the course.**

Name (printed): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

1. Where is your Instructor's office located?
  
  
  
  
  
  
  
  
  
  
2. What is the structure of practical examination in this class?
  
  
  
  
  
  
  
  
  
  
3. How will you submit lab assignments in this course?
  
  
  
  
  
  
  
  
  
  
4. What is the laptop and cell phone use policy?
  
  
  
  
  
  
  
  
  
  
5. Who is the Social Science Advisor?
  
  
  
  
  
  
  
  
  
  
6. What are the penalties for late assignments and emailed assignments?
  
  
  
  
  
  
  
  
  
  
7. Provide a definition of plagiarism in your own words? Is it plagiarism if you copy someone else's data and present it as your own?