

Anthropology& 236: Forensic Anthropology

Instructor: Anthony Tessandori

Office:	D110H
Office Hours:	Online – TBD
Telephone:	425-564-4188
Email:	Tony.tessandori@bellevuecollege.edu

Meeting Times & Locations

Tuesday/Thursday

10:30 – 12:20

Final Exam

Part 1&2 – 6/11 and 6/16 (10:30 – 12: 20) and

Part 3 – 6/18 (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, a 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.

Flow of the class

This is going to be a new experience for everyone. I am still working on figuring out how to run this class and provide you with as much of a hands-on experience as I can. We will have online live lectures and online live labs and online asynchronous labs. I will let you know as things develop. I am also planning on sending out “lab” materials to you so at some point I’ll need to mail things. I will provide ZOOM links for each class session and attendance is mandatory. This will be a continually developing process.

PowerPoint presentations posted online:

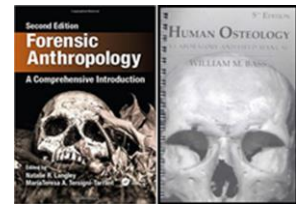
I will do my best to post a form of the lecture PowerPoint slides to the course Canvas site. Regardless of when the PowerPoints are posted, you will still need to come to class. A great deal of the materials covered in class is not found on the PowerPoints but is discussed during lectures.

All course content is the property of the instructor and Bellevue College and may not be copied and posted online.

Textbook

(REQUIRED) *Forensic Anthropology: A Comprehensive Introduction, 2nd Ed.*
by Langley and Tersigni-Tarrant ISBN-13: 978-1498736121

(OPTIONAL) *Human Osteology Lab and Field Manual (5th 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.

- Attendance: 50pts
- Bone Labs: (4 x 25) 100 pts
- Bone models: 50
- Bone test: 100 pts
- Review Questions 80 pts
- Diagnostics Lab Portfolio: (4 x 25) 100pts
- Exam: 70 pts
- Practicum: 250 pts

Attendance

Your attendance at lectures is mandatory. I will take roll so please log in with your name on record with Bellevue College. On my side of Zoom, I can see how long each participant was present in class and will evaluation your points based on this data. I understand that sometimes you have to miss class for various reasons. If you miss a couple of classes your grade will not be negatively effected, if you miss more the possibility increases. There will also be days that we will not meet, to allow for you to have study and review time.

Bone labs

These labs will provide you with hands on work with bone models. For this class because of our current conditions, these bones will be layered cardboard models you will assemble, 3d printed models and pictures. I will provide more information as we get into the lab section of the class. There will be four submitted labs each is worth 25 points.

Bone models

As mentioned above, you will be provided with layered cardboard models that you will assemble as part of the learning process. These will be for some of the larger bones of the appendicular skeleton and the skull. I have not figured out how to get these models to people, I will let you know when I figure this out. I will probably mail them to you.

Bone Test

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.

Diagnostics 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 35 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’s week. The practical will utilize all your skills of identification and individualizing characteristics. It will require critical thinking and creative problem solving. More detailed descriptions of what I expect from you will be presented closer to the end of the practical. Because of the nature of this quarter, I will be developing this process and will inform you once I settle on a structure.

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	Points	Percent	Grade	Points	Percent	Grade	Points	Percent
A	800 - 720	90-100%	C+	623 - 576	72-77.9%	D	463 - 400	50-57.9%
B+	719 - 688	86-89.9%	C	575 - 512	64-71.9%	F	<400	<50%
B	687 - 624	78-85.9%	D+	511 - 464	58-63.9%			

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 4/9	<u>Ch. 1, 2</u> Opens 4/9 - Due 4/16	Introduction What is Forensic Anthropology Body Orientation	Body orientation Activity
Week 2 4/14 & 4/16	<u>Ch. 3,4</u> Opens 4/14 - Due 4/23	Forensic Context Bone Growth and development Landmark and features	Forensic Context Activity Landmarks and features Activity
Week 3 4/21 & 4/23	<u>Ch. 6, 7</u> Open 4/21 - Due 4/30	The skull and dentition The Rib cage, Sternum Vertebral Column	Bone Lab 1 – Bones of the skull and Dentition Bone Lab 2– Axial Skeleton
Week 4 4/28 & 4/30		Upper Limb bones Pectoral girdle	Bone Lab 3 – Upper Appendicular
Week 5 5/5 & 5/7		Lower limb bones Pelvic girdle	Bone Lab 4– Lower Appendicular
Week 6 5/12 & 5/14		Cause and Manor of Death Skeleton Review	
Week 7 5/19 & 5/21	Ch. 8	Bone Test (TBD) Sex Determination	Diagnostic Lab 1 – Sex Determination
Week 8 5/26 & 5/28	Ch. 10 <u>Ch. 12</u> Opens 5/26 - Due 6/4	Age Determination Metric and Non-Metric Variation Osteo-Pathology and traumas	Diagnostic Lab 2 – Age at Death
Week 9 6/2 & 6/4	Ch. 9 <u>Ch. 13</u> Opens 6/2 - Due 6/11	Racial Determination Stature Estimation	Diagnostic Lab 3 – Ancestry Determination Diagnostic Lab 4 – Stature Determination
Week 10 6/9 & 6/11	Ch. 11	Exam	
Week 11 6/16		Practical day 1 – 6/16	
Final Week 6/18		Final Exam day 3 – 6/18	

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 Hours		Office Hours	Office Hours	Office Hours
10:00 AM	9:30 - 10:30		9:30 - 10:30	9:30 - 10:30	9:30 - 10:30
10:30 AM	Anth& 215 10:30 - 12:20	Anth&236 10:30 - 12:20	Anth& 215 10:30 - 12:20	Anth&236 10:30 - 12:20	Anth& 215 10:30 - 12:20
11:00 AM					
11:30 AM					
12:00 PM					
12:30 PM		Office Hours			
1:00 PM		12:30 - 1:30			
1:30 PM					
2:00 PM					
2:30 PM					Anth&235 B120 2:30 - 4:20
3:00 PM					
3:30 PM					
4:00 PM					

Tentative Anthropology Offerings Summer and Fall 2020

NUMBER	COURSE NAME	Summer		Fall	
		campus	online	campus	online
ANTH&100	Survey of Anthropology	X	X	X	X
ANTH 101	Intro to North American Archaeology			X	
ANTH&125	Human Variation		X		
ANTH 180/CES 180	American Life & Culture		X	X	X
ANTH&204	Archaeology*		X		
ANTH&205	Biological Anthropology+		X	X	
ANTH&206	Cultural Anthropology*	X	X	X	X
ANTH 208	Language, Culture and Society*		X	X	X
ANTH&215	BioAnthropology w/lab+			X	
ANTH 220	Culture, Sex and Gender				X
ANTH 222	Film and Culture				X
ANTH&235	Cross-Cultural Medicine			X	
ANTH&236	Forensic Anthropology				X
ANTH& 234	Religion & Culture		X		

(* denotes required courses for the Academic Concentration in Anthropology)

(+ denotes a choice between two courses for the Academic Concentration in Anthropology)

Academic Integrity and Safe Zone

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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.

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.

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; Film & 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 at tony.tessandori@bellevuecollege.edu to learn more about majoring in anthropology.

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

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.

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, non-BC teachers or instructors)

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. 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 Chris.bell@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

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.

- **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 @ BC: <http://bellevuecollege.edu/writinglab/>

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

The following conditions must be met for an incomplete (I) grade to be issued:

- Students must request an incomplete grade
- However, agreeing to issue an incomplete grade is at the discretion of the instructor
- Students must have completed 85% of the required coursework by the time the quarter ends
- *Students must have earned at least a C average for all other completed coursework*

F Grade: Students who fail a course will receive a letter grade of "F."

Hardship Withdrawal (HW) Option Eliminated:

- Faculty should assign the grade earned
- Students with extenuating circumstances may submit an appeal to Student Central to ask that a failing or poor grade be changed to an official withdrawal (W)
- Students with a medical situation may also qualify for a refund of tuition and fees

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.

The Disability Resource Center: Serves students with a wide array of learning challenges and disabilities. If you are a student who has a disability or learning challenge for which you have documentation or have seen someone for treatment and if you feel you may need accommodations in order to be successful in college, please contact us as soon as possible. If you are a person who requires assistance in case of an emergency situation, such as a fire, earthquake, etc, please meet with your individual instructors to develop a safety plan within the first week of the quarter. If you are a student with a documented autism spectrum disorder, there is an additional access program available to you. Contact asn@bellevuecollege.edu or (425) 564-2764. ASN is located in the Library Media Center in D 125. www.bellevuecollege.edu/autismspectrumnavigators/. The DRC office is located in B 132 or you can call our reception desk at (425) 564-2498. Deaf students can reach us by video phone at (425) 440-2025 or by TTY at (425) 564-4110. Please visit our website for application information into our program and other helpful links at www.bellevuecollege.edu/drc/.

Religious Accommodations

Reasonable Accommodations for Reasons of Faith and Conscience: Students who will be absent from course activities due to reasons of faith or conscience may seek reasonable accommodations so that grades are not impacted. Such requests must be made within the first two weeks of the course to the office of the Associate Vice President of Student Affairs (see Bellevue College [Policy 2950](#)). In the event you feel you are being discriminated against based on faith or conscience, you may refer to the procedures outlined in the college's Discrimination, Harassment and Retaliation Policy ([1440P](#)).

Students will apply for accommodations through Office of the Associate Vice President of Student Affairs during the first two weeks of the quarter. (If a student asks you in the first week of class about missing days for faith and conscience, please refer them to this [Request Form](#) to document their request.)

In a manner similar to the DRC, the Student Affairs AVP will approve the accommodation and inform, support and work with the faculty member to accommodate the requested days. That may include an alternate test day, or extended deadlines/alternate assignments for work completed during class time. (Test make-ups can be scheduled in the testing center at no charge to the student.)

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/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.

College Grievance Policy

Procedure regarding grievances for discrimination, harassment and retaliation) can be found at <https://www.bellevuecollege.edu/policies/id-1440p/>

**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.*