



## COURSE OUTLINE

The course description is online @ <http://camosun.ca/learn/calendar/current/web/anth.html>

### 1. Instructor Information

(a)	Instructor:	Brenda Clark, M.A.
(b)	Office Hours:	Tuesday 9:30-10:30, Friday 10:30-11:30 or by appointment
(c)	Location:	Young 212A
(d)	Phone:	250-370-3375
(e)	Email:	clark@camosun.bc.ca
(f)	Website:	D2L (Camosun Online). For any unexpected disruption to classes, I will contact you via our D2L site.

### 2. Intended Learning Outcomes

Upon completion of this course the student will be able to:

1. Describe human skeletal anatomy and morphological variation in the human skeleton.
2. Discuss the principles of skeletal development and function.
3. Explain the principles of archaeological excavation and recording techniques.
4. Identify the major bones of the human skeleton and differentiate them from animal bones.
5. Perform key visual inspection techniques to determine age and sex of an individual from certain skeletal elements.
6. Perform various measurements to establish cranial shape, stature and sex of an individual from certain skeletal elements.
7. Recognize and describe certain pathological conditions of the skeleton.
8. Analyze a case of commingled skeletal remains according to protocol questions for forensic anthropology: forensic significance, time since death, circumstances surrounding death, how many individuals present, their age, sex, and stature, disease or trauma present on bones.
9. Discuss the role and contributions of anthropology in contemporary medico-legal death investigations.

### 3. Required Materials

Texts	Byers, Steven (2011). <i>Introduction to Forensic Anthropology: A Textbook</i> . 4 <sup>th</sup> edition. Pearson Education Inc. (packaged with the Marieb Bone Atlas)
Lab manual	Anth 250 Forensic Anthropology Lab Manual
Articles linked from D2L page	1) DeChant, Tim (Oct. 18, 2012) <i>Stable Isotopes in Forensics</i> . 2) Pringle, Heather (2009). <i>Witness to Genocide</i> .

#### 4. Basis of Student Assessment

<p style="text-align: center;"><b>Lab assignments</b></p>	<p>Lab assignments are worth <b>10%</b> of the final grade.</p> <ul style="list-style-type: none"> <li>• LAB ATTENDANCE IS MANDATORY. If you miss more than 2 instructional labs, you will not be allowed to do the case report.</li> <li>• COME PREPARED. You need to read the lab <u>before</u> every lab.</li> <li>• Each week you will be marked on attendance and lab exercises.</li> <li>• You will be allowed to make up a missed lab with a <u>reasonable excuse</u>. Reasonable excuses do not include: vacations, long weekends, work schedules, or poor time management on your part.</li> </ul>
<p style="text-align: center;"><b>Exams</b></p>	<p><b>Lecture Exams: 40%.</b> Exam 1 is worth 25% and Exam 2 is worth 15% of your final grade. Both are written during class time (see course outline for dates). Lecture exams cover only material that is dealt with in lectures and assigned readings.</p> <p><b>Bellringer Exam: 25%.</b> The lab test is a bell-ringer, which means it is a timed exam at numbered stations where you are asked to identify bones and bone features. Responses are brief and do not require extensive written answers.</p>
<p style="text-align: center;"><b>Case Report</b></p>	<p>The case report, worth <b>25%</b> of your final grade, involves analysis of human skeletal remains in a hypothetical case. You will work in a team context and write a report discussing the evidence and your conclusions. You will have one lab period in which to collect data and analyze the case and one lecture period to write the report. <b>NOTE: all team members must be present for the lab period. Do not arrange travel, job interviews, etc for those dates!</b> Due date for the formal report, type written, is indicated on the class schedule. Late reports will not be accepted.</p> <p>Team work is basic in forensic contexts; forensic anthropology is no exception. Team members are expected to get along and work well together. Each team member is expected to contribute equally to the final project. Note that equally does not mean identically but it does mean that each person's contribution is important to the outcome of the case and that everyone has 'pulled their weight' during the project.</p>

**Attendance at lectures is essential for a good grade in this course. If you miss a lecture you should consult another student to find out what you missed.**

*All exams and the case report must be attempted and an overall passing grade achieved in order to pass this course. Exams must be written at the scheduled times unless prior notice has been given to the instructor and approval received to write at a different time. If a student misses an exam due to illness, s/he must present a medical note to write a makeup exam. There will be no exceptions.*

**5. Class Schedule** (Lecture order may change subject to availability of guest speakers)

<b>Week</b>	<b>Lab</b>	<b>Lecture</b>
Jan 6-10	Course Outline and introduction to the human skeleton	Introduction to Forensic Anthropology <u>Readings:</u> Chapter 1
Jan 13-17	Lab 1 Cranial Skeleton	Structure and Function of the Human Skeleton The Forensic Context <u>Readings:</u> Chapter 2 – “Basic Topics in Osteology” and Chapter 3
Jan 20-24	Lab 2 Axial skeleton, shoulder girdle and os coxae	Changes After Death <u>Readings:</u> Chapter 5
Jan 27-31	Lab 3 Appendicular skeleton	Establishing the Post Mortem Interval <u>Readings:</u> Chapter 5
Feb 3-7	Lab 4 Introduction to Osteometric Instruments and their Use; Determining Stature from the Femur	Guest Lecture : Role of BC Coroner Service
Feb 10-14	<b>No lab on Monday, Family Day Tuesday Open Lab 9:30-4:30</b>	Forensic Archaeology; Postmortem Changes to Bone <u>Readings:</u> Chapter 4 and Chapter 16
Feb 17-21	<b>Bellringer Exam</b>	Human Growth and Development <u>Readings:</u> Chapter 9 and Ch. 7, Anthroposcopic Traits, pp133-141
Feb 24-28	Lab 5 Pelvic bones: sex and age; Review <u>relevant</u> information in text, Ch. 8, 9 and 10	<b>Lecture Exam 1(covers all lecture material)</b>
Mar 3-7	Lab 6 Skull: age and sex Review <u>relevant</u> information in text, Ch. 8 and 9	Antemortem Conditions and Trauma <u>Readings:</u> Chapters 11 and 15
Mar 10-14	Lab 7 Sub-adult age	Forensic Anthropology and human rights <u>Readings:</u> Ch. 19; “Witness to Genocide” (Heather Pringle)
Mar 17-21	Lab 8 Antemortem Conditions and Trauma Review Ch. 11 and 15	Establishing Identity <u>Readings:</u> Ch 17 and 18; DeChant, <i>Stable Isotopes in Forensics</i>
Mar 24-28	Lab 9 The Skeletal Inventory and Determining Ancestry	Guest Lecture: Crime Scene Investigation
Mar 31- April 4	<b>Open Labs and Planning for Case Work</b>	<b>Lecture Exam 2 (covers lecture material since Exam 1)</b>
April 7-11	<b>Casework Attendance will be taken.</b>	<b>Report writing. Reports due before 12:00 PM Friday April 11</b>

## 6. Grading System

### Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+	Exceptional; exceeds highest expectations for the assignment or course	9
85-89	A	Outstanding; meets highest standards for the assignment or course	8
80-84	A-	Excellent; meets very high standards for the assignment or course	7
77-79	B+	Very good; meets high standards for the assignment or course	6
73-76	B	Good; meets most standards for the assignment or course	5
70-72	B-	Solid; shows some reasonable command of material	4
65-69	C+	Acceptable; meets basic standards for the assignment or course	3
60-64	C	Acceptable; meets some of the basic standards for the assignment or course	2
50-59	D	Minimum level of achievement for which credit is granted; a course with a "D" grade cannot be used as a prerequisite.	1
0-49	F	Minimum level has not been achieved.	0

### Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy E-1.5 at [camosun.ca](http://camosun.ca) for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	<i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.
IP	<i>In progress:</i> A temporary grade assigned for courses that, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. (For these courses a final grade will be assigned to either the 3 <sup>rd</sup> course attempt or at the point of course completion.)
CW	<i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.

## 7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

### LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College calendar, at Student Services, or the College web site at [camosun.ca](http://camosun.ca).

### STUDENT CONDUCT POLICY

There is a Student Conduct Policy **which includes plagiarism**. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, at Student Services, and the College web site in the Policy Section.