



**School of Arts & Science
SOCIAL SCIENCES DEPARTMENT**

**ANTH 250- 001
Forensic Anthropology
Winter 2009**

COURSE OUTLINE

1. Instructor Information

(a)	Instructor:	Brenda Clark, M.A.		
(b)	Office Hours:	Wed 11:00-1:00, Wed 5:00-6:00, Thurs 12:30-1:20; or by appointment		
(c)	Location:	Young 212A		
(d)	Phone:	370-3375		
(e)	Email:	clark@camosun.bc.ca		
(f)	Website:	http://clark.disted.camosun.bc.ca		

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

(a)	Texts	Byers, Steven (2008). Introduction to Forensic Anthropology: A Textbook. 3 rd edition. Boston, MA: Allyn and Bacon. (packaged with the Marieb Bone Atlas)
(b)	Lab manual	Anth 250 Forensic Anthropology Lab Manual

4. Basis of Student Assessment (Weighting)

(a)	Assignments	Lab assignments are worth 10% of the final grade.
(b)	Quizzes 40%	There are 3 lecture quizzes equally weighted. See the course sequence for dates. Lecture exams cover only material that is dealt with in lectures and your textbook. These will be 40 minute quizzes followed by the lecture.
(c)	Exams	Lab Exam: 25%. The lab exam covers basic skeletal identification as well as some skills-based questions on sex determination. The lab exam is a bell-ringer exam, which means that there will be stations located throughout the lab and you will spend a limited amount of time at each station in order to answer the questions. Bell-ringer responses are brief and do not require extensive written answers.
(d)	Case Report 25%	The case report involves analysis of human skeletal remains in a team context and writing a report discussing the evidence and your conclusions. You will have two lab periods in which to analyze the bones. NOTE: all team members must be present for both lab periods. Do not arrange travel, job interviews, etc for those dates! The case report acts as your final exam. The formal report, type written, is due on or before noon Tuesday April 14 th .

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. Grading System

Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		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 at camosun.ca or 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 are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
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.

6. 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.

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 on the College web site in the Policy Section.

7. Course Content and Schedule

WEEK	LAB	LECTURE
1 Jan 5-9	Registration and Course Outline Introduction to the Human Skeleton	Introduction to Forensic Anthropology Readings: Chapters 1 and 3
2 Jan 12-16	Lab 1 Appendicular Skeleton Read Ch. 2 of Byers for an overview of skeletal anatomy	Structure and Function of the Human Skeleton Readings: Chapter 2: Basic Topics in Osteology pp 52-58
3 Jan 19-23	Lab 2 Stature Estimation and Sex Determination from the Femur Shoulder Girdle and Thorax	Changes After Death and Post Mortem Interval Readings: Chapter 5
4 Jan 26-30	Lab 3 Pelvic Girdle Sex determination using the os coxae (Ch. 8 pp177-182)	Lecture Quiz #1 Film: <i>Body Detectives</i>
5 Feb 2-6	Lab 4 Cranial Skeleton and Sex Determination from the Skull (Ch. 8 pp184-190)	The Role of the Coroner in British Columbia: guest lecture from Regional Coroner's Office
6 Feb 9-13	REVIEW LAB	CSI Victoria: guest lecture from Victoria City Police Forensic Identification Section
7 Feb 16-20	BELLRINGER EXAM	READING BREAK
8 Feb 23-27	Lab 5 Cranial Measurements and Ancestry Ch. 7pp152-164	Forensic Archaeology Readings: Chapter 4
9 Mar 2-6	Lab 6 Antemortem Conditions	The Human Skeleton: growth and development. Readings: Chapter 9
10 Mar 9-13	Lab 7 Estimating Age at Death: Developmental Aging	Lecture Quiz #2 Antemortem Conditions Readings: Chapters 11 and 15
11 Mar 16-20	Lab 8 Estimating Age at Death: Senescent Aging	Post Mortem Changes to Bone Readings Chapter 16
12 Mar 23-27	Lab 9 Estimating Minimum Number of Individuals	Establishing Identity Film: <i>Following Antigone</i> Readings: Chapters 17, 18, 19
13 Mar 31 April 3	Open Lab: Case Work	Lecture Quiz #3 Case report writing
14 April 6-10	Open Lab: Case Work	Students do case report writing