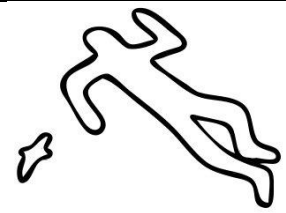


Forensic Anthropology

ANTH 123



Dr. Nancy E. Todd

OFFICE: 10 Sachem St., 010

OFFICE HOURS:

M: 11:30-12:30 PM

SUMMER 2017

Mon, Wed, Fri. 9:15-11:30 AM

Email: Nancy.Todd@mville.edu

Syllabus is subject to change by Instructor

COURSE DESCRIPTION: This course is a hands-on introduction to forensic anthropology, using laboratory training, lectures, and case studies. Introduction to basic skeletal anatomy and to the use of recovered skeletal materials to assess a deceased individual's age, sex, height, ancestry, time of death, bone trauma, and disease. Additional topics include techniques for recovering human skeletal remains, reconstruction of faces, genetic identification, and medicolegal contexts of forensic anthropology. 1 Credit. Session A: June 1 – July 3.

CLASS TEXTS:

Byers, Steven. 2010. *Introduction to Forensic Anthropology* (4th Edition). Prentice Hall. # ISBN-10: 0205790127 | ISBN-13: 978-0205790128

Nafte, Myriam. 2016. *Flesh and Bone: An Introduction to Forensic Anthropology*. 3rd Edition. Carolina Academic Press. # ISBN-10: 1594603006. # ISBN-13: 978-1594603006.

Ethier, Bryan. 2009. *True Crime: Connecticut*. Stackpole Books. # ISBN-10: 0811735613. # ISBN-13: 978-0811735612.

OPTIONAL

Bass, William M. 2005. *Human Osteology: A Laboratory and Field Manual* [Spiral-bound] (5th Edition). Missouri Archaeological Society. # ISBN-10: 0943414962. # ISBN-13: 978-0943414966.

COURSE REQUIREMENTS:

Reading: Chapters from the text must be read before coming to the scheduled lecture covering that material. There may also be additional handouts or reading assignments to accompany the reading and lecture material.

Attendance and Class Participation: Students are required to attend all class sessions each week. Good attendance is required and will be noted. Students are expected to answer questions and offer discussion when appropriate.

Reports and bone quizzes: There will be several quizzes and 3 projects: odontology, fingerprinting and facial reconstruction.

Final Exam: group exam

LAB SAFETY: All students working in the laboratory must abide by Yale University's lab safety rules and conduct.

CLASS CONDUCT: Students are expected to do their own work on the exams, written work and lab report. Copying or plagiarism will result in a **failing grade for the class, and academic dishonesty will not be tolerated**. All students must abide by the Yale University Honor Code and by the honor code signed in class.

• **THERE WILL BE NO MAKEUP LABS or EXAMS.** If you are going to miss a class, you must contact me **before** the class takes place. If you miss an exam and **do not** contact me beforehand, you will receive a **zero (0)** for that exam.

• **Grades will not be changed, and will not be contested** unless there is an obvious mathematical or clerical error. Grade breakdown is listed in the syllabus and expectations will be clearly outlined on all work.

• **LATE WORK:** All work is due on specified dates. No late work will be accepted.

• **NO CELL PHONES** are allowed during class. They must be turned off and put away in backpacks or bags.

• **Laptop computers** will be allowed UNLESS students are observed to be doing things other than taking notes from lecture.

<u>GRADED MATERIAL:</u>	Quizzes	40%
	Final exam	25%
	Odontology Project	5%
	Ossuary Project	5%
	Facial Reconstruction Project	15%
	Class attendance and participation	10%

COURSE PROFICIENCIES:

Students will be able to use the scientific method to generate or evaluate a testable hypothesis. They will have the opportunity to interpret quantitative or qualitative data and use deductive reasoning to draw and/or evaluate conclusions relevant to a hypothesis.

Students will also demonstrate the ability to write clearly and with grammatical accuracy in English, engage critically with primary and secondary sources, and quote, paraphrase and cite this material ethically and correctly and employ the vocabulary, concepts and compositional techniques appropriate to the academic discipline.

LECTURE SCHEDULE

True Crime in CT: *Famous local cases – read along through the course*

Schedule is subject to change by instructor

<u>Class Schedule</u>	<u>Topics</u>	<u>Reading</u>
<u>WEEK 1:</u> Monday	Introduction Skeletal terminology and bone structure	Byers, Chap. 1, Chap. 2 (p. 46-48) Nafte, Chap. 1-2
Wednesday	Skull: Osteology Age, Sex, Pathology	Byers, Chap. 2, 7-9 17-18 Nafte, Chap. 4-5
Friday	Skull: Ancestry Facial reconstruction <i>Make Tooth Casts</i>	Byers, Chap. . 2, 7-9 17-18 Nafte, Chap. 4-5
<u>WEEK 2:</u> Monday	Odontology <i>Quiz #1: History, Skeletal and Dental Terminology</i>	Byers, Chap. 2, 9, 18 (p. 364-371) Nafte, Chap. 5
Wednesday	Introduction to Facial reconstruction Begin Facial Reconstruction Project	Byer, Chap. 17 Nafte, Chap. 7 Handouts
Friday	Facial reconstruction Project	Byer, Chap. 17 Nafte, Chap. 7 Handouts
<u>WEEK 3:</u> Monday	Appendicular Skeleton: Osteology Age, Sex, Ancestry <i>Odontology Homework Due Practical Quiz #2: Skull</i>	Byers, Chap. 2. 7-10 Nafte, Chap. 4
Wednesday	Appendicular Skeleton: Osteology Age, Sex, Ancestry	Byers, Chap. 2. 7-10 Nafte, Chap. 4
Friday	<i>Ossuary exercise</i> <i>Facial Reconstruction Due</i>	
<u>WEEK 4:</u> Monday	Forensic Significance: Non-human bones and preservation PMI: Post-mortem changes to bone <i>Practical Quiz #3: Skeleton</i>	Byers, Chap. 3-4, 16
Wednesday	Bone blunt and sharp force trauma, Fire	Byers, Chap. 11-14, 16 Nafte, Chap. 6

Friday	Forensic Ecology, DNA, Fingerprinting Chain of Custody, recovery methods <i>Ossuary Exercise Due</i>	Byers, Chap. 3-6 Nafte, Chap. 3
WEEK 5: Monday	FINAL EXAM Part I	
Wednesday	FINAL EXAM Part II	
Friday	Final Exam Due	

The grade scale that I use is below. I do not curve grades.

Points	Letter Grade	GPA
93.4-100	A	4
90-93.3	A-	3.75
86.7-89.9	B+	3.25
83.4-86.6	B	3
80-83.3	B-	2.75
76.7-79.9	C+	2.25
73.4-76.6	C	2
70-73.3	C-	1.75
59.6-69.9	D	1
<59.5	F	0