Spring 1-2016

ANTY 413.01: Forensic and Mortuary Archaeology

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Office hours: TR 2:00 to 3:30

Course Goals:  
The primary objective of this course is to familiarize students with field and laboratory procedures used in mortuary and forensic archaeology. In the first portion of the course we will 1) review the literature on mortuary ritual and the theoretical foundations of current approaches; 2) demonstrate the variation in mortuary behavior across cultures, and through time; 3) introduce methods used by archaeologists to generate and interpret mortuary data; and 4) familiarize students with the legal and ethical issues related to mortuary archaeology and the broader issue of repatriation. During the second portion of the course we will apply laboratory and field methods to designated skeletal collections. This portion of the course includes a field recovery exercise, followed by laboratory analyses and reporting.

Required Readings:  

Optional:  

Grading:  
Grades will be based on the following:  
Laboratory Reports (8)-20%  
Field Exercise/Report-20%  
Midterm Exam-30%  
Final Report-30%

Class participation and laboratory reports:  
You are expected to attend class and contribute to class discussions on a regular basis, and to apply yourself conscientiously to all laboratory exercises undertaken alone or with others. You will encounter photographs of human remains in the readings and lectures, and we will use skeletal remains in class.
sessions. You are expected to handle these with the utmost respect and care, and to conduct yourself in a dignified manner in the presence of human remains.

You will be required to turn in each lab ONE WEEK after the day of the exercise. These reports must be typed.

Lectures will not be repeated. A doctor’s note or letter from the registrar is required for ALL CASES in which a quiz. NO EXCEPTIONS. An upcoming absence due to a death in the family, military/ROTC orders, or university athletics can be accommodated with ample time (at least one week before), and official documentation.

Midterm exam:
The midterm exam will be based on everything covered in the first section of the course. This includes ALL assigned readings. The exam will consist of multiple choice, fill in the blank, and short answer questions. A review session will be scheduled the week of the exam.

Final reports:
You will be required to submit a report at the end of the semester based on an assigned skeleton in the UMT collection. This report should include results of analyses obtained by the student throughout the semester. Graduate student requirement: additionally, graduate students must write a separate paper related to a topic discussed throughout the course. Graduate students are also required to give a short presentation on their paper at the end of the semester. More details will be provided in class.

Field exercise:
There will be a field exercise during the 13th week of class. During the week of the exercise, class will not be held THURSDAY. The exercise will take place on SATURDAY. Students should plan to be in the field the whole day, and adjust their schedule accordingly. There are absolutely no make-ups for this exercise. You will be required to complete a laboratory exercise the following week. Your participation in the exercise and completion of the lab account for 20% of your total grade. Field notes from the exercise must be turned in along with the lab (Lab 10). By enrolling in this course, you are agreeing to participate in a one-day field event that takes place on a Saturday.

Course Schedule
Week 1: Mortuary Practices and Forensic Archaeology (1/26-1/28)
- Pearson: Chapters 1 and 2
- Dupras: Chapters 1 and 2

Week 2: Landscape and Mortuary Ritual (2/7-2/9)
- Pearson: Chapters 6 and 9

Week 3: The Human Skeleton (2/9-2/11)
- Dupras: Chapter 3
- White, Folkens, and Black (optional)

Week 4: Age (2/16-2/18)
- Pearson: Chapter 5
- Lab 1: Age
Week 5: Sex and Gender (2/23-2/25)
- Pearson: Chapter 5
- Lab 2: Sex

Week 6: Cranio-metrics and Non-Metrics (3/1-3/3)
- Lab 3: Cranial metrics and non-metrics

Week 7: Trauma and Pathology (3/8-3/10)
- Zuckerman et al. 2015. Adapt or die: three case studies in which the failure to adopt advances from other fields has compromised paleopathology.
- Lab 4: Trauma and pathology

Week 8: Context and Taphonomic Change (3/15-3/17)
- Pearson: Chapter 3
- Dupras: Chapter 4
- Lab 5: Taphonomy

MIDTERM EXAM DUE Thursday, 3/24
- Pearson: Chapter 8
- Lab 6: Kennewick Man

Week 10 SPRING BREAK-NO CLASSES (3/29-3/31)
*SAA Meetings (4/6-4/10)

Week 11: Archaeology in the Forensic Context (4/5-4/7)
- Dupras: Chapter 8

Week 12: Detecting Burials (4/12-4/14)
- Dupras: Chapters 5 and 6
• Lab 7: Detecting Burials

Week 13: Mapping (4/19-4/21)
• Dupras: Chapter 7
• Lab 8: Mapping

Week 14: Excavating Human Remains (4/26-4/28)
• Dupras: Chapter 10
  *NO CLASS THURSDAY: FIELD EXERCISE SATURDAY

Week 15: International Investigations (5/3-5/5)

FINAL REPORTS/ FIELD EXERCISE REPORTS DUE Thursday, 5/5