**COURSE SYLLABUS**

**ANTHROPOLOGY 730: GRADUATE HUMAN OSTEOLOGY PRACTICUM**

**Semester:** Fall 2015

**Instructor:** Mark C. Griffin

**Phone:** 338-7519

**Section:** 1 (MWF 2:10 - 4:00, FA 538)

**Office:** FA 539

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**Office Hours:** MF 12-2 (appts. reserved at https://drmarkgriffin.youcanbook.me/)

**DESCRIPTION:**

The graduate section of the Human Osteology Practicum offers and advanced examination of the human skeleton from archaeological, descriptive, and morphometric perspectives. It is designed to build on basic level osteological experience. The advanced application of demographic analysis, assessment of normal and abnormal variation, and evaluation of the human skeleton in medicolegal and archaeological contexts is emphasized. Advanced topics and techniques will be introduced over the course of the semester culminating in the completion of a professional quality osteological report.

**COURSE REQUIREMENTS:**

There are fifteen weekly quizzes which will cumulatively contribute 40% to your final grade.

Anth 730 students will meet with the instructor the second hour of class each Friday to discuss advanced topics in osteology. Each week, the discussion topic will be the assigned article from the schedule below. Students will complete a critical summary for the assigned reading. Each summary should begin with the citation of the reading selection using *Chicago Manual of Style*. The critical summary will be between 1½ to 2 pages in length (typed, double-spaced, 12pt font, one inch margins) and should summarize and briefly critically evaluate the reading. Summaries will be emailed to the instructor no later than 5pm on Thursdays. The summaries will contribute 20% toward your final grade for the course.

Students enrolled in ANTH 730 will prepare a 50-70 page professional quality osteological report based on the set of skeletal remains assigned to you for the semester. This final project will provide the final 40% of your grade. The final project will be completed as a series of drafts. Each new section of material will be added in synchrony with the completion of the Anth 530 technical reports. In other words, when the cranial sex assessment technical report is due for the A530 students, the cranial sex section of your final report will be due. The drafts are iterative. That is, as each section is completed it is added to the overall report and previously drafted sections are edited according to the feedback received from the instructor.
TEXTBOOKS:

*The required laboratory manual is available at PhotoDay - 3418 Geary Blvd. (across from the Coronet Theater and Mel’s Diner).*

Each week, during a separate session, the graduate section will discuss studies from the primary literature.

ATTENDANCE POLICY:
BE HERE. YOU MUST COME TO CLASS IF YOU PLAN TO PASS THE COURSE.

EXAMS AND EXAM POLICY:
Quizzes will be administered each Friday at the beginning of class. Each quiz will consist of bone identification, identification of diagnostic features on human bones, and description of bone physiology where appropriate. The quizzes (with the exception of the first week's quiz) will cover material discussed during the previous week.

You will be held responsible for all information presented in all media (i.e., films, video tapes, slides, etc.). You are also responsible for all information conveyed in lectures and assigned readings. There are no makeup examinations or quizzes. All quizzes, all of the critical summaries, and the final project are required in order to pass the course.
**SCHEDULE:**

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<thead>
<tr>
<th>TOPIC</th>
<th>Text</th>
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| **Lecture:** Introduction to Osteology  
**Laboratory:** Anatomical Terminology | White 1-3  
Griffin 1-2 | Ruff et al. 2006 |
| **Lecture:** Bone Biology  
**Laboratory:** Cranium | White 4  
Griffin 3-5 | Komar and Grivas 2008 |
| **Lecture and Laboratory:** Cranial Metric Variation | White 15  
Griffin 6 | Byrd 2014 |
| **Lecture and Laboratory:** Age, Sex, and Race: Cranium | White pp. 338-346  
362-364  
Griffin 7-9 | DeWitte 2009 |
| **Lecture:** Dental Biology  
**Laboratory:** Dentition | White 5  
Griffin 10-11 | Griffin 2014 |
| **Lecture and Laboratory:** Cranial and Dental Nonmetric Variation | White 20  
Griffin 12 | Griffin n.d. |
| **Lecture:** Osseous Articulations  
**Laboratory:** Axial Skeleton | White 6-7  
Griffin 13 | Schlecht 2012 |
| **Lecture and Laboratory:** Pectoral Girdle, Upper Extremity | White 8-10  
Griffin 14 | Temple and Goodman 2014 |
| **Lecture and Laboratory:** Pelvic Girdle, Lower Extremity | White 11-13  
Griffin 15 | Stevens and Vidarsdóttir 2008 |
| **Lecture and Laboratory:** Postcranial Age, Sex, and Race | White pp. 347-378  
Griffin 16-18 | Garvin and Passalacqua 2012 |
| **Lecture and Laboratory:** Population Dynamics | White 20 | Perry 2006 |
| **Lecture and Laboratory:** Postcranial Metric Variation | White 15  
Griffin 20 | Schwartz 2006 |
| **Lecture and Laboratory:** Postcranial Nonmetric Variation | White 20  
Griffin 19 | Cappella et al. 2014 |
| **Lecture and Laboratory:** Bioarchaeology | White 14-16  
Griffin App. B and C | Stojanowski and Duncan 2015 |
| **Lecture and Laboratory:** Paleopathology | White 18-19  
Griffin 22 | Guatelli-Steinberg and Lukacs 1999 |

**PROJECTS DUE – Monday 14 December 2015 @ 1:30**
Bibliography


