COURSE SYLLABUS
ANTHROPOLOGY 530: HUMAN OSTEOLOGY PRACTICUM

Semester: Fall 2016  
Section: 1 (MWF 2:10 - 4:00, FA 538)
Instructor: Mark C. Griffin  
Office: 539 Fine Arts
Phone: 338-7519  
E-mail: mgriffin@sfsu.edu
Web Page: http://online.sfsu.edu/~mgriffin/index.htm
Office Hours: MF 12-2 (appts. reserved at https://drmarkgriffin.youcanbook.me/)

DESCRIPTION:
This course is an examination of the human skeleton from archaeological, descriptive, and morphometric perspectives. Demographic analysis, normal and abnormal variation, and evaluation of the human skeleton in medicolegal and archaeological contexts is emphasized. Each bone will be examined with a review of normal and abnormal variations. The uses of anthropometric instruments will be demonstrated as well as the methods for estimating age-at-death, sex, ancestry, and population dynamics.

COURSE REQUIREMENTS:

There are fifteen weekly quizzes (40%), a final cumulative lab practical (10%), and a series of 7 technical reports due over the course of the semester (50%).

Textbooks:

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

Attendance Policy:
Be here. You must come to class if you plan to pass the course.
**Quiz and Exam Policy:**

Quizzes are 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. The final exam will consist of a cumulative bone identification quiz.

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. If you arrive more than five minutes late for a quiz or the final exam, you will receive a zero for the quiz or exam. **All quizzes, all of the technical reports, and the final exam are required in order to pass the course.**

**Student Learning Outcomes**

By the end of the course students will be able to:

- distinguish human bone from nonhuman bone and identify specific skeletal elements from fragmentary material
- explain the biological mechanisms of creating age, sex, and population variation in skeletal morphology
- apply the concepts of demographic analysis and normal versus abnormal variation to critically analyze research studies of human skeletal variation
- evaluate demographic data in regard to determination and interpretation of skeletal sex, age, and population affiliation
- discuss examples of the interacting effects of culture, environment, and biology on skeletal morphology

**Disability Statement Policy**

‘Students with disabilities who need reasonable accommodations are encouraged to contact the instructor. The Disability Programs and Resource Center (DPRC) is available to facilitate the reasonable accommodations process. The DPRC is located in the Student Service Building and can be reached by telephone (voice/TTY 415-338-2472) or by email (dprc@sfsu.edu).”

**University Withdrawal Policy**

The Withdrawal deadline occurs two weeks after the semester starts. After this deadline, students must petition for a Withdrawal, or receive a non-passing grade for a class if they do not complete the requirements of the course. Withdrawals are permitted only for serious and/or compelling reasons. In the last three weeks of the semester, students must be able to document the reason for their withdrawal.

SF State fosters a campus free of sexual violence including sexual harassment, domestic violence, dating violence, stalking, and/or any form of sex or gender discrimination. If you disclose a personal experience as an SF State student, the course instructor is required to notify the Dean of Students. To disclose any such violence confidentially, contact: The SAFE Place - (415) 338-2208; http://www.sfsu.edu/~safe_plc/ Counseling and Psychological Services Center - (415) 338-2208; http://psyservs.sfsu.edu/ For more information on your rights and available resources: http://titleix.sfsu.edu
<table>
<thead>
<tr>
<th>Topic</th>
<th>Reading</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lecture:</strong> Introduction to Osteology</td>
<td>White 1-3</td>
</tr>
<tr>
<td><strong>Laboratory:</strong> Anatomical Terminology</td>
<td>Griffin 1-2</td>
</tr>
<tr>
<td><strong>Lecture:</strong> Bone Biology</td>
<td>White 4</td>
</tr>
<tr>
<td><strong>Laboratory:</strong> Cranium</td>
<td>Griffin 3-5</td>
</tr>
<tr>
<td><strong>Lecture and Laboratory:</strong> Cranial Metric Variation</td>
<td>White 15 Griffin 6</td>
</tr>
<tr>
<td><strong>Lecture and Laboratory:</strong> Age, Sex, and Race: Cranium</td>
<td>White pp. 338-346 362-364 Griffin 7-9</td>
</tr>
<tr>
<td><strong>Lecture:</strong> Dental Biology</td>
<td>White 5</td>
</tr>
<tr>
<td><strong>Laboratory:</strong> Dentition</td>
<td>Griffin 10-11</td>
</tr>
<tr>
<td><strong>Lecture:</strong> Osseous Articulations</td>
<td>White 6-7</td>
</tr>
<tr>
<td><strong>Laboratory:</strong> Axial Skeleton</td>
<td>Griffin 13</td>
</tr>
<tr>
<td><strong>Lecture and Laboratory:</strong> Pectoral Girdle, Upper Extremity</td>
<td>White 8-10 Griffin 14</td>
</tr>
<tr>
<td><strong>Lecture and Laboratory:</strong> Pelvic Girdle, Lower Extremity</td>
<td>White 11-13 Griffin 15</td>
</tr>
<tr>
<td><strong>Lecture and Laboratory:</strong> Postcranial Age, Sex, and Race</td>
<td>White pp. 347-378 Griffin 16-18</td>
</tr>
</tbody>
</table>

**FINAL EXAM** – Monday 19 December 2016 @ 1:30
BIBLIOGRAPHY


~4~


