COURSE SYLLABUS

ANTHROPOLOGY 545: BIOARCHAEOLOGY

Semester: Spring 2015
Instructor: Mark C. Griffin
Phone: 338-7519
Web Page: http://online.sfsu.edu/~mgriffin/index.htm
Office Hours: MF 12-2 (appts. reserved at https://drmarkgriffin.youcanbook.me/)

DESCRIPTION:
Archaeologists have only recently begun to explore the potential of human skeletal remains for reconstruction of past lifeways. This course focuses on this new direction in anthropology. The material builds on concepts introduced in the Human Osteology course and is focused at the population level of analysis rather than the individual level. Specifically, this course examines the reconstruction from skeletal populations of patterns of subsistence, diet, disease, demography, and physical activity. Completion of ANTH 530 (Human Osteology Practicum) or the approval of the instructor is required for this course.

COURSE REQUIREMENTS:
There are three laboratory practical exams for this course. Cumulatively, these will contribute 15% toward your final grade. There are two scheduled exams: one mid-term and a non-cumulative final. Each exam contributes 25% toward your final grade. Each student will prepare (and give) a one-hour Powerpoint presentation and a research paper on one of the assigned topics in the course. These will contribute the final 35% toward your grade. Because of the seminar nature of this course, no incompletes will be given for this course.

TEXTBOOK:

The remaining readings come from the primary literature. One of the most important things that students must be proficient at is finding appropriate sources of literature and learning how to efficiently navigate the library system of your campus. To this end, you will be learning how to navigate our electronic journal resources by finding the articles for each week.

ATTENDANCE POLICY:
Be here. I do not take attendance (being here is your responsibility), but the information covered in class is essential for your essays. Your grade will therefore be adversely affected if you do not come to class.
EXAMS AND EXAM POLICY:

Each of the two scheduled exams will be take-home essay exams (to be handed out three weeks prior to the exam date and due at the scheduled exam time). All assignments for this course will be typed, double-spaced, and referenced using the style of Current Anthropology.

You will be held responsible for all information presented in lectures, assigned readings, and any other media (i.e., films, video tapes, slides, etc.). The assigned readings are meant to compliment the material presented in class, not substitute for it (i.e., attend lectures if you plan to pass the course).

Due to the nature of the assignments, they cannot be turned in late except in extremely dire circumstances and only with the prior approval of the instructor. Jammed printers, obstinate computers, incompetent computer users, recalcitrant cars, dead pets, irritating viruses, busy schedules, and general lack of prior planning are not valid excuses for late assignments. Documented catastrophic illness (bubonic plague, typhoid, malaria) may be considered.

Student Learning Outcomes

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

• Explain the theoretical basis of methods used in the field.
• Apply the latest techniques used to analyze and contextualize skeletal remains from archaeological sites.
• Interpret and critically analyze research papers in bioarchaeology and evaluate the strength of the conclusions reached based on the results.
• Gain experience in archival and literature analysis to provide the historical context of cemetery remains.
• Complete a basic skeletal analysis according to the standards of the field.

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

**SCHEDULE:**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Readings</th>
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<tbody>
<tr>
<td>Osteology Review: Cranial and Postcranial skeletal elements</td>
<td>White and Folkens 1-13</td>
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<td>Osteology Review: Sex</td>
<td>White and Folkens 17</td>
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<td>Osteology Review: Age-at-Death</td>
<td>White and Folkens 17; Komar and Grivas 2008</td>
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<td>Overview of Bioarchaeology</td>
<td>Larsen Chp. 1; Stowjanowski and Duncan 2015</td>
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<td>Growth and Development</td>
<td>Larsen Chp. 2; Ruff et al. 2006</td>
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<tr>
<td>Growth Disruption</td>
<td>Larsen Chp. 2; Temple and Goodman 2014</td>
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<td>Paleodemography</td>
<td>Larsen Chp. 10; Perry 2006</td>
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<td>Population Distance</td>
<td>Larsen Chp. 9; Edgar 2007</td>
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<td>Biomechanics</td>
<td>Larsen Chp. 6, 7; Schlecht 2012</td>
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<td>Dental Infection</td>
<td>Larsen Chp. 3; Humphrey et al. 2014</td>
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<td>Skeletal Infection: Non-specific</td>
<td>Larsen Chp. 3; Weston 2008</td>
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<tr>
<td>Skeletal Infection: Specific</td>
<td>Larsen Chp. 3; Hibbs et al. 2011</td>
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<td>Skeletal Trauma</td>
<td>Larsen Chp. 4, 5; Martin and Harrod 2015</td>
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<td>Dietary Reconstruction</td>
<td>Larsen Chp. 8; Eerkens et al. 2014</td>
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BIBLIOGRAPHY


