HUMAN OSTEOLOGY

ANTH/ARCG/E&EB S464 SUMMER 2020

COURSE DESCRIPTION

In this course we will examine the characteristics of the human skeleton and its use in studies of functional morphology, paleodemography, and paleopathology. Online labs will familiarize students with the identification of human bones and bony landmarks, while lectures will focus on more general aspects of bone biology, as well as techniques for aging and sexing skeletal material.

COURSE ORGANIZATION

Online lectures and labs will be on Tuesdays and Thursdays from 1-4:15pm. Lab content will mostly be drawn from the following two web sites:


http://eskeletons.org/

COURSE INSTRUCTOR

Professor: Eric Sargis
Phone: 432-6140
E-mail: eric.sargis@yale.edu
Office Hours: by appointment

COURSE REQUIREMENTS

4 online labs (25 points each): 100 points
4 online quizzes (50 points each): 200 points
Total: 300 points

TEXTBOOK

Human Osteology, 3rd ed. by Tim D. White

This book is available online:

https://www.amazon.com/Human-Osteology-Tim-D-White-ebook-dp-B004MPRDUY/dp/B004MPRDUY/ref=mt_kindle?_encoding=UTF8&me=&qid=

https://www.elsevier.com/books/human-osteology/white/978-0-08-092085-6
GRADING SCALE

The grading scale below represents the percentage of total points from the four quizzes and labs.

A: 93-100  
A-: 90-92  
B+: 87-89  
B: 83-86  
B-: 80-82  
C+: 77-79  
C: 73-76  
C-: 70-72  
D+: 67-69  
D: 63-66  
D-: 60-62  
F: 59 and below

SCHEDULE

<table>
<thead>
<tr>
<th>Week of:</th>
<th>Topics and Text Readings:</th>
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<tbody>
<tr>
<td>June 30</td>
<td>Introduction: Anatomical Terminology. Skull. Chapters 1, 2, and 4</td>
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<tr>
<td>July 7</td>
<td>Skull (con.). Sex Determination, Estimating Ancestry. <strong>Quiz 1 (July 9).</strong> Chapters 4 and 18</td>
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<td>July 14</td>
<td>Dentition, Estimating Age. Axial Skeleton. <strong>Quiz 2 (July 16).</strong> Chapters 5-7, 18</td>
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<td>July 21</td>
<td>Upper Limb, Estimating Age. <strong>Quiz 3 (July 23).</strong> Chapters 8-10, 18</td>
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<tr>
<td>July 28</td>
<td>Lower Limb. Sex Determination, Estimating Age. <strong>Quiz 4 (July 30).</strong> Chapters 11-13, 18</td>
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