

**PHYSICAL ANTHROPOLOGY LAB**  
**ANT450**  
**FALL 2013**

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**Instructor:** Dr. Lynn Morrison  
**Office:** K263  
**Tel:** 974-7697  
**Office Hours:** T 11-1, Th 11-12, F 11-1

**Instructional time:** M 12-2:30PM  
**Location:** K277  
**email:** lmorriso@hawaii.edu

**Description:**

This course is designed to expose participants to laboratory methods used in physical and biological anthropology. The goal is to give students hands-on practical skills that would allow you to make a significant contribution to an archeological, physical or biological anthropology research team. Bring both required texts to all classes.

\*This course can be used for Methods credit for anthro majors.

**TEXTS**

France, Diane L.

2007 Lab Manual and Workbook for Physical Anthropology, 7<sup>th</sup> Ed. CA: Thomson/Wadsworth

Whitehead, Paul F., W.K. Sacco, and S.B. Hochgraf

2005 A Photographic Atlas for Physical Anthropology. CO: Morton Publishing Co.

**EVALUATION:**

12 Exercises and Assignments = 60%

TEST 1 and 2 = 20% ea. = 40%

The exercises are from your France Lab Manual and the assignments are based on worksheets I give you in class.

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DATE	TOPIC	ACTIVITIES + READINGS
<b>Aug.26</b>	<b>Introduction Human Osteology</b>	Atlas: Chapter 2 pp.19-25 Lab Manual: Chapter 3 <b>Kakaliouras, A.</b> 2012 An Anthropology of Repatriation: Contemporary Physical Anthropological and Native American Ontologies of Practice. Current Anthropology S53 (5): S210-S221.
<b>Sept. 9</b>	<b>Anatomy of the Skull</b>	<b>Pietrusewsky, M. and R. Ikehara-Quebral</b>

	<b>Lecture/Lab</b>	1996 Cultural Alteration of Human Bone in Hawaiian Skeletal Remains. <i>Hawaiian Archeology</i> 5:13-29 <b>Cybulski, J.</b> 1988 Skeletons in the Walls of Old Quebec. <i>Northeast Historical Archeology</i> 17:61-84  Atlas: Chapter 4, pp. 77-97
<b>Sept. 16</b>	<b>Human Osteology Lab</b> <i>Hand in Exercises 3.2 (except for q. 3) and 3.3 (Lab Manual)</i>	
<b>Sept. 23</b>	<b>Human Osteology Lab</b> <i>Hand in Exercise 4.1</i>	<b>Postcranial Anatomy</b> Atlas: Chapter 5, pp. 155-198 Lab Manual: Chapter 4 (pp.125-136)
<b>Sept. 30</b>	<b>Human Osteology Lab</b> <i>Hand in Assignment #1</i>	<b>Craniometry and Osteometry</b> Atlas: Chapter 6 Lab Manual: Chapter 13 (pp. 325-328)
<b>Oct. 7</b>	<b>TEST 1</b>	
<b>Oct. 14</b>	<b>Aging and Sexing Lab</b> <i>Hand in Exercises 4.2 and 4.3 (Lab Manual)</i> <i>Hand in Assignment # 2</i>	Atlas: Chapter 3 (pp. 72-73), Chapter 5 (pp.182-83) Lab Manual: Chapter 4 (pp. 141-147) Chapter 15 (pp. 369-394)
<b>Oct. 21</b>	<b>Paleopathology Lecture/Lab</b> <i>Start working on Assignment # 3</i>	Atlas: Chapter 7 Lab Manual: Chapter 14
<b>Oct. 28</b>	<b>Forensics Lecture/Lab</b>	<b>Byers, Steven B.</b> 2002 Establishing the Forensic Context. IN <i>Introduction to Forensic Anthropology</i> . Pp. 57-81. MA:Allyn and Bacon.

**Djuric, M. et al. 2007.** Identification of Victims from 2 Mass Graves in Serbia: A Critical Evaluation of Classical Markers of Identity. *Forensic Science International* 172:125-129.  
Lab Manual: Chapter 15 (394-409)

*Hand in Exercise 15.1 (Lab Manual)*

**Nov. 4**      **LAB**  
*Hand in Assignment # 3*

**Nov. 18**    **TEST 2**

**Nov.25**    **Comparative Primate Anatomy**

Atlas: Chapter 3, pp. 35-76  
Atlas: Chapter 4, pp.98-154  
Atlas: Chapter 5, pp. 199-204  
Lab Manual Chapter 6 & 7

*Hand in Exercise 7.2 except for Q. 6 (Lab Manual)*

**Dec. 2**      **Comparative Primate Anatomy**  
*Hand in Assignment # 4*

**Dec. 9**      **Human Biology**  
**Lecture/Lab**

**Anthropometrics**

Lab Manual: Chapter 13 (pp.312-315)

**Dressler, W. et al.** 2008. Cultural Consonance and Adult Body Composition in Urban Brazil. *AJHB* 20: 15-22.

*Hand in Assignment # 5*

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Any student with a documented disability who would like to request accommodations should contact the University Disability Services Office - Hale Kauano'e A Wing Lounge, 933-0816 (V), 933-3334 (TTY),uds@hawaii.edu - as early in the semester as possible.