

**West Los Angeles College  
Spring 2015**

**Anthropology 111**

**Laboratory in Human Biological Evolution (2 units - UC:CSU)**

(Section 8522 – Tuesdays, 11:10-1:30, Room SC-101 & on-line at ETUDES.org)

Mary Hardy, Adjunct Assistant Professor

Office hours: Tuesdays, 1:40-2:40, and by appointment, Room SC-101

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When you'd like to contact me about our course, please use the Private Message (PM) feature in ETUDES. From the left hand menu, click on "Discussions and Private Messages." Then click on "Private Messages" at the top.

**Course Description**

In this 8-week accelerated introductory lab course we explore selected topics in biological anthropology, focusing on human biological evolution. The labs cover genetics, human variation, non-human primates, and human paleontology.

**Course Goals**

- To learn how to interpret and assess theories, hypotheses, and data in biological anthropology
- To recognize and appreciate human biological variation
- To bolster critical thinking skills
- To improve written and oral communication skills

**Course Student Learning Outcome (SLO):**

SLO 1: Identify the major bones of the human skeleton

SLO 2: Recall and define anthropological terms and concepts that deal with the fossil record

The course will focus on the following **Institutional SLOs**:

A. Critical Thinking: Analyze problems by differentiating fact from opinions, using evidence, and using sound reasoning to specify multiple solutions and their consequences. Students will apply critical thinking to investigate and interpret the influences of heredity and environment on human beings.

G. Cultural Diversity: Respectfully engage with other cultures in an effort to understand them. Students will participate in activities designed to elicit discussion and understanding of human biological diversity.

**Course Ground Rules** (*We will establish these together, with the exception of two rules listed below, which are required by professors' contract between LACCD and AFT Local 1521.*)

- Listen, and respect everybody in the class
- Speak up – participate in class
- Share the floor
- Give ourselves permission to make mistakes
- Avoid crosstalk
- Keep an open mind
- Avoid tardiness (use the back door)
- Be prepared for class
- **Academic Integrity:** Cite any outside sources you consult to prepare written and oral work. I will assign zero points to plagiarized work and/or assignments involving any other form of cheating. I may report instances of academic dishonesty to College administrators.
- Adhere to the **WLAC Standards of Student Conduct** (published in the college catalog and the schedule of classes).

### **Required Text**

Walker-Pacheco, Suzanne E. (2010). Exploring Physical Anthropology: A Lab Manual & Workbook. Second Edition. Englewood, CO: Morton Publishing Co. ISBN: 089582 -811-1

The lab manual can be purchased at West's bookstore. A copy is also on 2-hour reserve at the Library. For West's on-line bookstore, go to [www.wlac.edu](http://www.wlac.edu), click on "Services," scroll down to "Bookstore" and follow the links.

I may also distribute supplemental required reading and worksheets in class.

### **Course Requirements and Final Grades**

	<u>Points</u>
Sixteen In-Class Lab Exercises (worth 10 points each).....	160
Fifteen ETUDES Self-Tests (worth 10 points each).....	150
Total.....	310

Extra Credit/Honors up to 25 points (see below)

Your **final grade** will be determined by dividing your total points by 310. 90-100% = A; 80-89% = B; 70-79% = C; 60-69% = D; 59% and below = F. I cannot give incomplete final grades.

**In-class Activities/Participation** – This is a hands-on lab class. I expect students to attend all sections and to take part actively in class. Thoughtful participation hinges on attentive listening as well as speaking. Please join me in working on striking a balance between listening and speaking to ensure that all are afforded equal and ample opportunity to participate. The labs listed each week need to be completed in class. ***Please prepare for the labs by reading the chapters listed for each week before class.*** If you are not present during in-class activities and/or turn in work late, you will lose points.

**ETUDES Quizzes** – On-line quizzes are based on the Self-Tests in the Manual. They are open-book and untimed. As long as you do not submit your answers for grading, you may start and stop as often as you wish, but you must submit your answers by the due date and time. I suggest opening the quizzes early and using the questions to guide your reading.

**Extra Credit or Honors Credit** – Participate in West's Annual Student Poster Showcase on May 14 and receive up to 25 points of extra credit or Honors credit. See Module in our ETUDES shell for details.

### **Notice from the Office of Special Programs and Services**

If there are special accommodations that you require to be successful in this course, please request assistance from the professor. To receive accommodations for a special need or disability, students must register with the Office of Disabled Student Program and Services. Please contact the DSPS Director at (310) 287 4450 for information and assistance. Location: Student Services Building, 3<sup>rd</sup> floor, room SSB 320.

**General Course Outline.** A rough course outline keyed to our labs and quizzes follows. Even if you are absent, you are responsible for knowing of any changes announced in class. You are also responsible for managing your class enrollment. **Please see highlighted revisions below.**

### **WEEK 1: Mon, Feb 9 – Sat, Feb 14**

*Last day to add or drop classes with a refund/no fee owed;*

*Last day to drop classes without a "W," or to file Pass/No Pass: Th, 2/12*

Introductions

Reading Apprenticeship Exercise on Learning

*ETUDES Assignment – Please log-in and explore*

### **WEEK 2: Sun, Feb 15 – Sat, Feb 21**

*Last day to add or drop classes with a refund/no fee owed;*

*Last day to drop classes without a "W," or to file Pass/No Pass: Th, 2/12*

*Chapter 1: Physical Anthropology as a [Natural] Science*

*Chapter 2: The Organism and the Cell*

Lab Exercises 1.2 and 2.1 (pp. 29-30 only) to be completed in class on Tuesday

**WEEK 3: Sun, Feb 22 – Sat, Feb 28**

[ETUDES Self-Tests 1.1 and 2.1 due Sun, 2/22, at 11:59 pm](#)

*Labs 1.2 and 2.1 due at the beginning of class Tuesday*

Chapter 3: The Double Helix

Lab Exercises 3.1 and 3.2 to be completed in class Tuesday

**WEEK 4: Sun, March 1 – Sat, March 7**

[ETUDES Self-Test 3.2 due Sun, 3/1, at 11:59 pm](#)

*Lab Exercises 3.1 and 3.2 due at the beginning of class Tuesday*

Chapter 5: Inheritance

Lab Exercises 5.1 and 5.2 to be completed in class Tuesday

**WEEK 5: Sun, March 8 – Sat, March 14**

[ETUDES Self-Tests 5.1 and 5.2 due Sun, 3/8, at 11:59 pm](#)

*Labs 5.1 and 5.2 due at the beginning of class Tuesday*

Chapter 7: The Bones Within Us

Lab Exercises 7.1, 7.2, 7.3 and 7.4 to be completed in class Tuesday

**WEEK 6: Sun, March 15 – Sat, March 21**

*Last day to drop classes with a "W": Fri, 3/20*

[ETUDES Self-Tests 7.1, 7.2, 7.3, and 7.4 due Sun, 3/15, at 11:59 pm](#)

*Lab Exercises 7.1, 7.2, 7.3 and 7.4 due at the beginning of class Tuesday*

Chapter 10: Biological Classification and the Living Primates

Lab Exercise 10.1 to be completed in class Tuesday

Chapter 13: Who's in Our Family?

Lab Exercise 13.1 to be completed in class Tuesday

**WEEK 7: Sun, March 22 – Sat, March 28**

ETUDES Self-Test 10.1 and 13.1 due Sunday, 3/22, at 11:59 pm

*Lab Exercises 10.1 and 13.1 due at the beginning of class Tuesday*

Chapter 14: The Genus Homo

Lab Exercises 14.1 and 14.2 to be completed in class Tuesday

**WEEK 8: Sun, March 29 – Fri, April 3**

ETUDES Self-Test 14.1 and 14.2 due Sunday, 3/28, at 11:59 pm

Cesar Chavez Holiday - Tuesday, March 31 - No class

Chapter 15: Modern Human Biological Variation

Turn in Lab Exercises 14.1, 14.2, 15.1, and 15.2 to the professor's mailbox, B1, Rm 103, by **Thursday, 4/2, at 7:55 pm (when the office closes)**. **Alternatively**, you may give them directly to the professor, **who will have extended office hours on Friday, 4/3, on the first floor of the Library between 9:00 am and 1:00 pm (library hours of operation)**.

ETUDES Self-Tests 15.1 and 15.2 due Friday, 4/3, at 11:59 pm