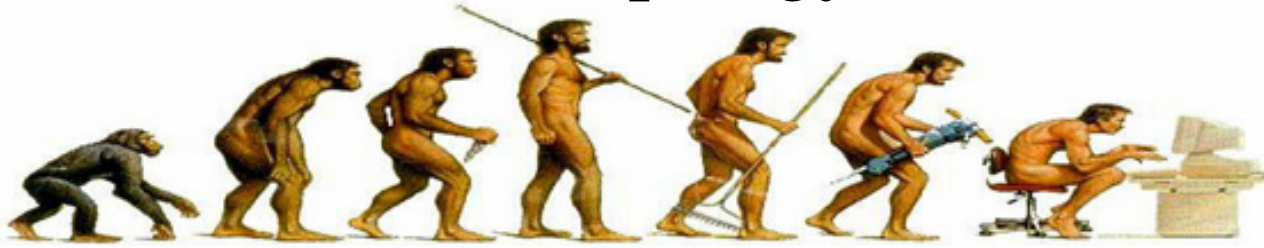


# Anthropology 101L: Physical Anthropology



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Spring 2018 College of the Canyons

Valencia Campus from Spring: 2/5/18 to 6/5/18

Section 31404 W 2:30-5:35 PM

Building: Boykin Hall Room 107

## What is the Class Text?

Exploring Physical Anthropology: A Lab Manual and Workbook | Edition: 3

Author:  
Suzanne E. Walker-Pacheco

ISBN:  
9781617314032

The book is available in the Canyons bookstore and library.

## What are our Student Learning Objectives?

- 1.) Analyze behavioral and observational data with the Scientific Method to understand human and non-human primate biology and evolution.
- 2.) Demonstrate and apply knowledge of skeletal anatomy to primate, hominin, and modern human evolution.

Instructor: Kenneth Feldmeier  
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BYKH 103 Mondays  
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Office Hours: 11:00AM-12:00 PM  
Link to Department website:  
<http://www.canyons.edu/departments/ANTHRO/Pages/default.aspx>

## What are we going to learn?

A laboratory course in physical anthropology designed primarily for non-science majors. A half-day field trip is required. This course focuses on the evolution of the human species and non-human primates primarily from the biological perspective. Topics include human heredity and population genetics, primate behavior and conservation, the human fossil record, and modern human variation.

**Prerequisite or Co-requisite:**  
**ANTHRO 101: Introduction to Physical Anthropology (Lecture)**

*"The purpose of anthropology is to make the world safe for human differences".*

*Ruth Benedict*

## Exploring Physical Anthropology

Laboratory Manual & Workbook  
THIRD EDITION

Suzanne E. Walker-Pacheco

# How will you be Graded?

## Self Tests/Lab Assignments

Each check your understanding and lab assignment are used as study guides for section exams. Every class we will have to complete a lab assignment with your group members that will be turned in at the end of class worth 20 points. I will also assign chapter check your understanding exercises which are done individually, worth 5 points. Each check your understanding is to better prepare you for the exam. (I take my exam questions from this section)

## Exams

There will be two unit exams worth 100 points. This section exam will cover the information from the material given before the exam date; this information will include assigned readings, class notes, and handouts. If an exam that is missed, for a student to make up the exam she/he must have a verified absence; i.e. doctors note and make it up with a week a of the exam date. This exam is will be all multiple choice and vocab. Bring a #2 pencil.

## Grade Breakdown:

Exams	200 points	200 pts
Labs (14)	20 points each packet	280 pts
Zoo Project		100 pts
Self Tests		70 pts
Total		650 pts



# Whats the Plan?

## ZOO ASSIGNMENT

As a class we will attend and complete one Zoo Project for the semester. As a department we will set a day as a class we will take a trip to Los Angeles Zoo. If you cannot attend that day you will have to take a personal trip to the Los Angeles Zoo (or another zoo, if cleared with the instructor), and conduct one hour of primate behavioral observations. The assignment will begin in lab, the observations will be done at the zoo, and a write-up of the results is to be done on the student's own time. More details of this project will be discussed in class, and students will have several weeks to complete the project. If, for any reason, a student feels he or she will be unable to complete this assignment, he or she must contact the instructor immediately.

**Class Safety Procedures and Protocols** (in case of a classroom emergency)

Dial "7" on the Valencia Campus and "77" on the

## Accommodations

<http://www.canyons.edu/Offices/DSPS/Pages/default.aspx>

This web site contains valuable information about the program, eligibility criteria, and procedures to follow for accessing services. We have a Hi-Tech Center that offers adaptive access for students with disabilities, in addition to tutoring in selected subjects.

We would like to encourage all students with disabilities to visit the DSP&S office located in Seco Hall, Room 103, behind Financial Aid. We look forward to meeting with you and assisting you with your educational needs.

## What is Plagiarizing/Cheating?

At College of the Canyons, we believe that academic integrity and honesty are some of the most important qualities college students need to develop and maintain. To facilitate a culture of academic integrity, College of the Canyons has defined plagiarism and academic dishonesty. Due process procedures have been established when plagiarism or academic dishonesty is suspected. At College of the Canyons, we define plagiarism as follows: Plagiarism is the submission of someone else's work or ideas as one's own, without adequate attribution. When a student submits work for a class assignment that includes the words, ideas or data of others, without acknowledging the source of the information through complete, accurate, and specific references, plagiarism is involved. This may include dual submissions of a similar work for credit for more than one class, without the current instructor's knowledge and approval.

## Attendance Policy/ Important Dates

**Attendance is mandatory.** If you do not drop the class on time you will receive a grade for the course.

Deadline dates for short term classes are calculated by the variables below. Check with your instructor for special deadline dates.

<b>Refund</b>	February 18
<b>Add</b>	February 18
<b>Drop w/o a W</b>	February 18
<b>Pass/No Pass</b>	<b>March 9</b>
<b>Drop w/ a W</b>	<b>May 6</b>

## Attendance policy prior to census date

Students who do not appear on my roster by the census date will not be allowed to attend the class. Students are able to add classes via Advanced Add Permit until prior to t begins he start date. Once the semester, students need an Add Permit with the instructor's signature to add a course. Any enrolled student who does not attend the first day of class will be dropped unless they contact me before the second meeting. Any student who attends the first class meeting but misses a subsequent meeting during the first two weeks of the semester will be dropped unless they contact me before the next meeting.

**Final Grades** will be calculated using a standard grade distribution: 90% above is an A, 80% and above is a B, 68% and above is a C, and 60% and above is a D.

## WEEKLY ATTENDANCE

- (1) Attendance at every lab session is mandatory. The attendance standard at COC is that “any student may be dropped from a course if (s) he is absent one more time than the class normally meets in a week during the regular semester.” Consequently, if you are absent more than three (3) class hours (i.e. one full class period) you may be dropped. However, you will not be automatically dropped from the course by the instructor unless you are a “no-show” at the first class meeting, or you are later dropped for failure to adequately perform in the course or for a serious disciplinary infraction (see below). All other “drops” are the responsibility of the individual students.
- (2) A course grade of “WF” will be assigned to any student who stops attending class for any reason, or is a “no-show” for an exam, and does not officially “drop” the course in the Admissions and Records Office. Please consult the current Schedule of Classes, or log on the college website at <http://www.canyons.edu> for the “withdraw” and “drop” dates for this session.
- (3) Your lab workbook and binder will be checked periodically throughout the semester, so bring it to each class meeting or you may forfeit your grade for that lab. Scheduled binder checks will be announced throughout the semester.

## *LAB RULES*

- (1) **Read the required workbook chapter before each lab. All lab assignments are checked before students leave class, and all “Self-Tests” in each chapter are due at the beginning of the next class; however, DO NOT attempt to complete any of the actual lab exercises before doing the actual work in the lab.** Bring your lab manual/workbook, notebook and writing materials to every lab session. As indicated above, you cannot earn points for lab work completed by the class on a day that you were absent. However, *do* ask the instructor for copies of any lab handouts that were distributed — they will be needed for your exam reviews.
- (2) **Written “Lab Exercises,” and handout problems must be your own personal work product. Very important: Do not fabricate, invent or “make-up” any data that you have not actually obtained from or has not resulted from an in-class lab exercise. Also, do not copy lab data from or provide data to others, or use anyone else’s calculations, problem solutions, answers to questions or essays as your own work.** Students found to be involved in copying or providing information for copying by others will be sanctioned. Do the right thing— always do your own work.
- (3) **Be on time for each lab session and remain until the day’s work has been completed.** You and your lab partner(s) will take one (1) fifteen (15) minute break during the lab period. Most lab sessions begin with a briefing on the work to be done that day and important announcements are usually made early in the lab period—additional incentives to be present and on time for each lab.
- (4) **Exercise caution when working at and moving between individual lab stations.** Store personal possessions underneath the lab benches and/or in the side drawers—not on the lab bench tops—when you first enter the lab. Avoid making unnecessary noise, loud talking and extended personal conversations. While you are encouraged to be sociable and cooperative, keep “visiting” to a minimum.
- (5) **Exercise care in the use of laboratory instruments and materials.** Review instructions carefully for each lab station before starting work. Do not move materials from one lab station to another and when an activity is completed return the area to the original condition for the next student(s). Clean up bench tops and surrounding areas and return all lab equipment and supplies to designated areas before leaving at the end of the period.
- (6) **Report any damage or breakage—especially any injury—to the instructor immediately.** Use laboratory equipment (especially measurement instruments and microscopes) and all chemicals and biologics with great care and only according to instructions provided and after asking questions about anything you don’t understand. Treat the anatomical and fossil materials used in the laboratory (e.g. casts, skeletons and especially human remains) with care and respect.
- (7) **Absolutely no eating or drinking or engaging in non-lab activities (especially studying for other classes) is allowed during lab sessions.** However, bottled water and drinks are OK, provided that you clean up and dispose of your trash. No smoking is permitted in the lab or within 50 feet of any campus building.

# Tentative Lab Schedule

Week	Topic	Reading/Assignments/ Exams & Quizzes
1	Class intro: Syllabus and how to use the tools.	Read Ch.1 Lab Handout Class activity
2	Ch.1 Physical Anthropology and the Scientific Method	Lab 1.1 1.2 1.3  Check your understanding 1.1
3	Ch. 2 The Organism and the Cell The Bannana Lab  The Double Helix	Read Ch.2 Check your understanding 2.1 2.2 Done before the lab Lab 2.1 2.2? 2.3
4	Ch.3 How Cells are Made	Read Ch.3 Check your understanding 3.1 Done before the lab Lab 3.1 3.2
5	Ch 4 Inheritance	Read Ch.4 Check your understanding 4.1 4.2 Done before the Lab Lab 4.1 4.3

6	Read Ch.5 Major Forces of Evolution	Read Ch.5 Check your understanding 5.1 5.2 Done before the lab Lab 5.1 5.2
7	Read Ch.6 The Bones Within Us	Check your understanding 6.1 6.2 Done before the lab Lab 6.1, 6.2, 6.3, 6.4 6.5
8	Read Ch.7 Forensic Anthropology Mid-Term Prep	Check your understanding 7.1 7.2 Done before the lab Lab 7.1, 7.2, 7.3, 7.4,
9	Mid-Term Exam	
10	Read Ch.9 Biological Classification of Living Primates	Check your understanding 9.1 9.2 Done before the lab Check your understanding 10.1 Done before the lab Lab 9.1 9.2 9.3 Zoo Project Prep
11	Read Ch.11 The Anatomy-Behavior Link	Finish Zoo Project Prep Check your understanding 11.1 Done before the lab Lab 11.1, 11.2

12	Ch.12 Early Primates from Paleocene-Miocene	Check your understanding 12.1 Done before the lab Lab 12.1 12.3
13	Ch.13 Who's in our Family?	Check your understanding 13.1 13.2 Done before the lab Lab 13.1, 13.2 13.3 13.4 13.5 Australopith WS
14	Ch.14 The Genus Homo	Lab 13.1 Australopith WS Bipedalism Packet Self-Test 13.1
15	Ch.14 The Genus Homo	ZOO PROJECT DUE
FINAL	Final Exam	