

## ***INTRODUCTION TO PHYSICAL ANTHROPOLOGY***

### **Class Meets:**

September 16, 2015 – December 16, 2015  
M/W 3:30 PM – 5:20 PM **Room:** Van Nuys High School- Room 326

### **How to Reach Me:**

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**Office:** AHS-303 (on LA Valley College Campus) **Office Hours:** M/W - 6:15 - 6:45 PM and by appointment

### **Required Textbook:** (available at the college bookstore and online)

*Biological Anthropology: Concepts and Connections*, 2<sup>nd</sup> Edition McGraw-Hill 2012  
Agustin Fuentes ISBN: 978-0-07-811700-8

### **Overview:**

This course is a general introduction to biological anthropology. We will discuss basic evolutionary principles, hominid evolution, the social behaviors of non-human primates, and contemporary human variation. We will also consider related subjects including genetic engineering, cloning, the origins of human sexual behavior and mate selection, the evolution of cooperation/altruism, the future of reproduction, and the future of the family, marriage and sex.

### **Student Learning Outcome:**

Analyze human anatomy and behavior from an evolutionary perspective.

### **Exams and Grading:**

**Midterm #1.....85 pts. Midterm #1 Take Home Essay..15 pts. Zoo Observation...50 pts.**  
**Midterm #2.....85 pts. Midterm #2 Take Home Essay..15 pts. Final Exam.....70 pts**

Your grade will be based on two midterm exams (including two essays per exam), one final exam, a zoo observation, and class participation (based on attendance and active participation in class discussions). **Maximum points possible: 320.** Grades will be assigned as follows:

**A: 280+ pts. B: 235 - 279 pts. C: 185 - 234 pts. D: 140-184 pts**

**Exams:** Exams are based on readings, class activities (lecture/discussions, media and field trips). All exams have objective questions (true/false, multiple choice etc.) and the two midterms include three in-class essays and one take-home essay. Bring a #2 pencil, an 882 scantron and several sheets of paper. (Scantrons are provided for high school students.)

**Plagiarism:** Cheating on exams, improperly citing sources (e.g. copying Internet web sites) and turning in written work that you did not personally research and write are all examples of plagiarism. They are not allowed in this class and can result in being suspended from LAVC. Ask for help before resorting to these unsavory activities!

**Timeliness:** You are expected to turn in all assignments and take all exams on time. Late exams and assignments will be docked 5 (five) pts. per class meeting day, no exceptions.

**Extra Credit:** You can earn a maximum of 35 extra credit points. Possible ways to earn points:

- Essay (3 pages plus footnotes and bibliography)..... .15 pts.
- Human Flirtation Observation (3 pages).....15 pts.
- Term Paper (7-8 pages with footnotes and bibliography)..... .30 pts.
- Gibbon Conservation Center (visit and produce a short report) ...15 pts
- Southern California Primate Research Forum (attend and report).20 pts.
- Museum Exhibitions..... 10 pts.

**December 7 is the last day to turn in extra credit work.**

**Cell Phones and Beepers:** Please do not activate these in the classroom! Please avoid texting and surfing the internet on topics unrelated to class activities and discussions.

**Attendance:** You are expected to be present in class for the ENTIRE class period. If you leave after the break you will not receive credit for attending class.

**If you stop attending class, it is your responsibility to officially drop the class.** If you decide to drop the class you must do so formally, by contacting the Admissions Office. If you simply stop attending class without formally dropping you may receive an “F.”

**COURSE OUTLINE**

Please read assigned readings *before* each class meeting.  
 Chapters in *Biological Anthropology* designated by “ch\_\_”

<u>Week</u>	<u>Day</u>	<u>Quiz</u>	<u>Lecture</u>	<u>Reading</u>	<u>Topic</u>
1	9/16	1	1	Introduction FAQs Overview of Anthropology <b>PPT: The Global Impact of the Gender Flip on Partnering Patterns</b> <b>SLIDE SHOW: Borneo Adventure</b>	Class Overview Scientific Method
2	9/21	1	2	ch. 1 "Was Darwin Wrong?" <b>Video Lesson: Biology and Evolution</b> <b>SLIDE SHOW: Galapagos: An Imaginary Eden</b>	Intro Evolutionary Fact & Theory
	9/23	<b>NO CLASS - YOM KIPPUR (Jewish Holiday)</b>			
3	9/28			"The Nature of Romantic Love" by Helen Fisher Mate Selection Exercise <b>VIDEO: Sex, Gender &amp; Desire</b>	Sex, Gender and Love
	9/30			<b>VIDEO: "The Laws of Chemistry"</b> "Laws of Chemistry Quiz" <b>Power Pt: How the Bough Bends: Users of Donated Gametes</b>	
4	10/5	3	3	ch. 3 "Curse and Blessing of the Ghetto" by Jared Diamond <b>Video: Promise and Perils of DNA Research</b>	Genetics and Genomics
	10/7	4	4	ch. 4 <b>Video Lesson: Macroevolution</b> <b>MIDTERM #1 REVIEW</b>	Modern Evolutionary Theory

<u>Week</u>	<u>Day</u>	<u>Quiz</u>	<u>Lecture</u>	<u>Reading</u>	<u>Topic</u>
5	10/12			<b>MIDTERM #1</b>	
	10/14	5	5	ch. 5 ZOO OBSERVATION EXPLAINED <b>VIDEO:</b> Monkey in the Mirror	Primate Behavioral Ecology
	10/17 (Sat.)			<b>CLASS FIELD TRIP: LA ZOO - 10 AM</b>	
6	10/19	6	6		Primate Anatomy and Behavior
				“How Animals Do Business” by Frans de Waal “Baboons: What are Friends For?” by Barbara Smuts “A Telling Difference” <b>Video Lesson:</b> Primate Behavior	
	10/21	7	7		Primate Reproduction and Protoculture
				“What’s Love Got to Do with It?” “Apes of Wrath” <b>VIDEO:</b> Clever Monkeys	
7	10/26	8	8	“Mothers and Others” by Sarah Hrdy "The Double Life of Women" by Anne Murphy Paul <b>Power Pt:</b> Speculations on the Origins of Human Sexual Behavior <b>Power Pt.:</b> Coming of Age Armenian, Asian and Hispanic	Human Sexualities
	10/28			“The Five Sexes” <b>VIDEO:</b> Middlesexes (finish watching at home) <b>ZOO OBSERVATION DUE</b>	
8	11/2	9		“Adding A Co-Wife” <b>Power Pt:</b> Adding a Co-Wife <b>Video Clips:</b> Men Who Share Women-Women Who Share Men “America’s Fidelity Crisis” “On Kittens and the Very Invented Culture of Polyamory” <b>Video:</b> Beyond Monogamy <b>MIDTERM #2 REVIEW</b>	Human Sexual Behavior
	11/4			<b>MIDTERM #2</b>	
9	11/9	10	9	ch. 6 "New Human Ancestor Lived Alongside Lucy's Species" <b>Video Lesson:</b> Methods of Paleoanthropology <b>Video Lesson:</b> The First Biped	Fossils, Early Primate Evolution Bipedalism
	11/11			<b>VETERANS DAY - NO CLASS</b>	
10	11/16			<b>PROFESSOR AT A CONFERENCE - NO CLASS</b>	
	11/18	11	10	ch. 7 “Hunting the First Hominid” by Pat Shipman “Made in Savannahstan” by Marek Kohn <b>Video Lesson:</b> A New Hominin	Early Hominin Evolution

<u>Week</u>	<u>Day</u>	<u>Quiz</u>	<u>Lecture</u>	<u>Reading</u>	<u>Topic</u>
11	11/23	12	11	ch. 8 "Man the Hunted" "Scavenging of Peking Man" by N. Boaz and R. Ciochon <b>VIDEO:</b> Ape to Man	Plio-Pleistocene Hominins and the Genus Homo
	11/25	13	12	ch. 9 "Rethinking Neanderthals" by Joe Alper "Neandethals Overlapped with Modern Humans" "The Littlest Human" by Kate Wong "Theory of Human Gestation Refuted" <b>VIDEO:</b> Ape Genius	The Rise of Modern Humans
12	11/30			<b>VIDEO:</b> The Real Eve	
	12/2	14	13	ch. 10 "Skin Deep" by Nina Jablonski "How Real is Race?" by C. Mukhopadhyay and R. Henze	Human Biological Diversity
13	12/7	15	14	ch. 11 "The Viral Superhighway" by George Armelagos "The Perfect Plague by Jared Diamond and Nathan Wolfe <b>EXTRA CREDIT PROJECTS DUE!</b>	Future of Human Evolution
	12/9			"The Inuit Paradox" by Patricia Gadsby "Dr. Darwin" by Lori Oliwenstein <b>Video Lesson:</b> Patterns of Adaptation FINAL REVIEW	
14	12/14	<b>STUDY DAY - NO CLASS</b>			
	12/16	<b>FINAL EXAM</b>			

Visit the Class Website for Information on the Zoo Project and Extra Credit Projects