HUNTER
The City University of New York

Human Evolution Laboratory
Physical Anthropology 101, Fall 2023
Section 2L01

Time: Tuesdays 8:30–11:15 AM
Location: HN 730
Instructor: Julia L. Arenson

Email: ja4504@hunter.cuny.edu
Office: HN 725 (ring bell at doors just past HN 730)
Office Hours: Tuesdays 2:30–3:30 PM
(or by appointment! email me!)

Introduction: This course consists of short lectures and directed laboratory exercises. Your lab meets once each week for three hours. The labs have been designed to complement the lecture material and to reinforce the understanding of critical issues presented in the lectures. Your laboratory instructor will explain how your lab will be graded. At the end of the semester, the lab instructor will submit a grade for all your lab work to the lecture professor. You should be aware that an incomplete in the labs will result in an incomplete in the whole course.

Why have labs in addition to lectures?

- ANTHP 101 is a science course that satisfies the Science and Math Distribution Requirement at Hunter. The scientific method involves the testing of ideas (hypotheses) against evidence gained from observation and/or experimentation. In this particular course, we want to (a) expose you to some of the kinds of evidence that biological anthropologists deal with, (b) show you how different kinds of data can be extracted from this evidence, and (c) guide you through some practice exercises that give you experience in data analysis.

- The lecture class breaks up into smaller sections for the labs, so there are fewer students per instructor in the lab than in the lecture. This allows more discussion and collaboration; you are encouraged to ask your instructor to help explain points you are having difficulty with, from both the lab and lectures.

Text (Lab Manual): The lab manual is available on Blackboard under Lab Materials. You may either print the lab manual or open it on your laptop or mobile device to guide you through the lab activities presented in class. You must complete the Knowledge Check on Blackboard to get credit for each lab, to be completed during or after class. You do NOT turn in your lab manual. The lab manual will help you understand the material presented and study for the quizzes, exams, and the knowledge checks.

Grading Policy: The laboratory sessions represent 40% of your total course grade. If you miss a lab, you are responsible for contacting your instructor to arrange making up the work. Your course grade is based on the following components:

Quizzes: 24%
Final Practical Exam: 30%
Labs (knowledge checks and participation: 31%
Research Paper: 15%

A+ = 97 and above
A = 93 – 96
A- = 90 – 92
B+ = 87 – 89
B = 83 – 86
B- = 80 – 82
C+ = 77 – 79
C = 70 – 76
D = 60 – 69
F = 59 and below

Tuesdays 8:30–11:15 AM

Quizzes: These quizzes are made up of multiple choice, fill-in-the-blank, and short answer questions covering labs 1-8. The quizzes make up 24% of your grade in the lab portion (9.6% of your total grade).

Final Exam: This final will include specimen identification in a practical exam format, covering labs 9-13. The final makes up 30% of your grade in the lab portion (12% of your total grade).

Lab Manual (Knowledge Checks): Use the lab manual, available on Blackboard, to complete the exercises in class as they are presented. You may fill out your lab manual on your computer or print it out in advance. Either way, you do NOT turn in your lab manual; it is for your own notes only. To get credit for each lab, complete the respective knowledge check on Blackboard. Participitation in the labs is mandatory; together, participation and the knowledge checks make up 31% of your grade in the lab portion (12.4% of your total grade).

Research Paper: The research paper will be written in stages over the semester: you will first turn in an annotated bibliography, then an outline, and finally the final paper. Further information about formatting, topic, and grading will be provided in a separate document. The paper (including the bibliography and the outline) makes up 15% of your grade in the lab portion (6% of your total grade).

Policy on Academic Integrity: Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The College is committed to enforcing the CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures. **NB:** Using material written by AI chat bots is plagiarism!

Accessibility: In compliance with the American Disability Act of 1990 (ADA) and with Section 504 of the Rehabilitation Act of 1973, Hunter College is committed to ensuring educational parity and accommodations for all students with documented disabilities and/or medical conditions. It is recommended that all students with documented disabilities (Emotional, Medical, Physical, and/or Learning) consult the Office of AccessABILITY, located in Room E1214B, to secure necessary academic accommodations. For further information and assistance, please call: (212) 772- 4857 or (212) 650-3230.

Sexual Misconduct: In compliance with the CUNY Policy on Sexual Misconduct, Hunter College reaffirms the prohibition of any sexual misconduct, which includes sexual violence, sexual harassment, and gender-based harassment retaliation against students, employees, or visitors, as well as certain intimate relationships. Students who have experienced any form of sexual violence on or off campus (including CUNY-sponsored trips and events) are entitled to the rights outlined in the Bill of Rights for Hunter College.

- Sexual Violence: Students are strongly encouraged to immediately report the incident by calling 911, contacting NYPD Special Victims Division Hotline (646-610-7272) or their local police precinct, or contacting the College's Public Safety Office (212-772-4444)
- All Other Forms of Sexual Misconduct: Students are also encouraged to contact the College's Title IX Campus Coordinator, Dean John Rose (jtrose@hunter.cuny.edu or 212-650-3262) or Colleen Barry (colleen.barry@hunter.cuny.edu or 212-772-4534) and seek complimentary services through the Counseling and Wellness Services Office, Hunter East 1123

CUNY Policy on Sexual Misconduct Link: http://www.cuny.edu/about/administration/offices/la/Policy-on-Sexual-Misconduct-12-1-14-with-links.pdf

All the work submitted for this class must be your own. Copying answers, cheating on exams, and plagiarizing will not be tolerated.

HUMAN EVOLUTION LABORATORY

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TENTATIVE CLASS SCHEDULE *

**Schedule and due dates subject to change*

Date	Topic/Activity	Exam, Quiz, Assignment
Aug. 29	Lab 1: Natural Selection	
Sept. 5	Lab 2: The Scientific Method	
Sept. 12	Lab 3: DNA & Gene Expression	
Sept. 19	Lab 4: Inheritance	**Quiz 1** (covers Labs 1-3)
Sept. 26	Lab 5: Population Genetics	
Oct. 3	Lab 6: Taxonomy & Primate Diversity	**Quiz 2** (covers Labs 4-5)
Oct. 10	No class – Classes follow Monday schedule	
Oct. 17	Lab 7: Primate Behavior & Ecology *Go to the zoo – no class gathering*	
Oct. 24	Lab 8: Primate Ecology & Conservation	**Annotated Bibliography**
Oct. 31	Lab 9: Primate Skull Morphology	**Quiz 3** (covers Labs 6-8)
Nov. 7	Lab 10: Postcranial Anatomy & Locomotion	
Nov. 14	Lab 11: Plio-Pleistocene Hominins	**Outline**
Nov. 21	Lab 12: Later *Homo*	
Nov. 28	Lab 13: American Museum of Natural History *Go to the museum – no class gathering*	
Dec. 5	**FINAL PRACTICAL EXAM** (covers Labs 9-13)	**Final Exam**
Dec. 12	Reading Day – No classes	**Research Paper**

Paper assignments are due at midnight (11:59 PM) on their respective dates, and must be uploaded to Turnitin on Blackboard.

Please bring a device with a screen large enough to comfortably do the lab exercise. You may use your phone, or iPad and Chromebook loans are available at the Hunter College Cooperman Library if you do not have a laptop (or don't want to lug it in). For information on how to get a laptop loan, start here: https://library.hunter.cuny.edu/laptop-loan-policies.