

Course Outline

COURSE: ANTH C1001L **DIVISION:** 10 **ALSO LISTED AS:** ANTH 1L

TERM EFFECTIVE: Fall 2027 **CURRICULUM APPROVAL DATE:** 05/12/2026

SHORT TITLE: BIOLOGICAL ANTHROPOLOGY LAB

LONG TITLE: Biological Anthropology Lab

<u>Units</u>	<u>Number of Weeks</u>	<u>Type</u>	<u>Contact Hours/Week</u>	<u>Total Contact Hours/Units</u>
1	18	Lecture:	0	0
		Lab:	3	54 / 1 Units of Lab
		Other:	0	0
		Total:	3	54

Out of Class Hrs: 00.00
 Total Learning Hrs: 54.00

COURSE DESCRIPTION:

In this laboratory course, students investigate the anatomy, genetics, behavior, variation, and evolution of humans and other primates. Students apply the scientific method and use interactive exercises in this course supplement to the Introduction to Biological Anthropology lecture course. Part 2: Also known as ANTH 1L. C-ID (ANTH 150). Co-Requisite: ANTH C1001.

PREREQUISITES/COREQUISITES:
 ANTH C1001

CREDIT STATUS: D - Credit - Degree Applicable

GRADING MODES
 L - Standard Letter Grade

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:
 04 - Laboratory/Studio/Activity
 047 - Laboratory - LEH 0.7
 05 - Hybrid
 71 - Dist. Ed Internet Simultaneous

STUDENT LEARNING OUTCOMES/COURSE OBJECTIVES:

By the end of this course, a student should:

1. Demonstrate an understanding of the scientific method and an ability to interpret data to arrive at reasoned conclusions.
2. Describe the principles of human inheritance, genetics, and evolutionary processes.
3. Identify and compare primate and hominin species in terms of their osteological, morphological, and/or behavioral adaptations.

COURSE CONTENT:

Utilize laboratory activities related to lecture content in ANTH C1001. Laboratory activities will include but are not limited to:

1. Application of the scientific method
2. Investigation of cellular biology and DNA
3. Examination of the inheritance of human traits
4. Exploration of evolutionary mechanisms
5. Investigation of human osteology and forensic anthropological methods
6. Comparative analysis of anatomical and behavioral traits of non-human primates
7. Comparative analysis of hominin fossils
8. Analysis of evidence for hominin evolution
9. Investigation into human biological variation

Part 2:

Curriculum Approval Date: 05/12/2026

METHODS OF INSTRUCTION:

Utilize laboratory activities related to course content in the lecture class. Laboratory activities include but are not limited to:

1. Application of scientific methods.
2. Investigation of cell biology.
3. Examination of genetic traits.
4. Exploration of evolutionary mechanisms.

METHODS OF EVALUATION:

Other methods of evaluation

Evaluation Percent 100

Evaluation Description

Examples of potential methods of evaluation used to observe or measure students' achievement of course outcomes and objectives could include, but are not limited to: laboratory exercises, practical, quizzes, projects, and research demonstrations.

Methods of evaluation are at the discretion of local faculty.

REPRESENTATIVE TEXTBOOKS:

Textbook choice is the discretion of faculty. Texts can include, but are not limited to, the following: .

Explorations Biological Anthropology Lab and Activities Manual, Shook, B., Braff, L., Nelson, K., & Aguilera, K. (Eds.), LibreTexts / American Anthropological Association, 2021 or a comparable textbook/material.

Rationale: This OER text is accessible to students at zero cost

14 Grade Verified by: Dr. Debbie Klein

Calculations and Palpatations: An Open Invitation to Biological Anthropology Laboratory, Taylor-Hill, L., NC SA (OER), 2025 or a comparable textbook/material.

College level Grade Verified by: CCN Template Review

Laboratory Manual and Workbook for Biological Anthropology. 2nd ed., Soluri, K. E., & Agarwal, S. C., Norton, 2019 or a comparable textbook/material.

College level Grade Verified by: CCN Template Review

Method and Practice in Biological Anthropology: A Workbook and Lab Manual for Introductory Courses. 2nd ed.: Hens, S., Pearson, 2021 or a comparable textbook/material.

College level Grade Verified by: CCN Template Review

Calculations and Palpatations: An Open Invitation to Biological Anthropology Laboratory, Taylor-Hill, Lauren, CC BY NC SA, 2025 or a comparable textbook/material.

Rationale: This Open Educational Resource (OER) text is zero cost, written by a community college faculty member, and accessible to all students.

14 Grade Verified by: Dr. Debbie Klein

Exploring Physical Anthropology: A Lab Manual and Workbook. 4th ed., Walker-Pacheco, S., Morton, 2022 or a comparable textbook/material.

College Level Grade Verified by: CCN Template Review

Locally developed lab manual., .

Walker-Pacheco, S. (2022). Exploring Physical Anthropology: A Lab Manual and Workbook. 4th ed.: Morton.

ARTICULATION and CERTIFICATE INFORMATION

GAV GE:

GAV B3

GAV Area 5

CSU GE:

CSU B3

IGETC:

IGETC 5C

CALGETC:

CALGETC Area 5C

CSU TRANSFER:

Transferable CSU

UC TRANSFER:

Transferable UC

SUPPLEMENTAL DATA:

Basic Skills: N

Classification: Y

Noncredit Category: Y

Cooperative Education:

Program Status: 1 Program Applicable

Special Class Status: N

CAN:

CAN Sequence:

CSU Crosswalk Course Department:

CSU Crosswalk Course Number:

Prior to College Level: Y

Non Credit Enhanced Funding: N

Funding Agency Code: Y

In-Service: N

Occupational Course: E

Course Control Number: CCC000550621

Sports/Physical Education Course: N

Taxonomy of Program: 220200

CIP: 450201