Glendale College
Course Outline of Record Report

Course ID 004052
Revision - October 2025

ANTHR111 : Physical Anthropology Laboratory

General Information

Author:	• Nancy Traynor • Stonis, Michelle
Attachments:	DE Addendum_ANTH_111 COR_10:1:2020 CoDE_3:26:2024.pdf
Course Code (CB01) :	ANTHR111
Course Title (CB02) :	Physical Anthropology Laboratory
Department:	ANTHR
Proposal Start:	Spring 2026
TOP Code (CB03) :	(2202.00) Anthropology
CIP Code:	(45.0201) Anthropology, General.
SAM Code (CB09) :	E - Non-Occupational
Distance Education Approved:	No
Will this course be taught asynchronously?:	No
Course Control Number (CB00) :	CCC000206981
Curriculum Committee Approval Date:	10/22/2025
Board of Trustees Approval Date:	12/09/2025
Last Cyclical Review Date:	10/01/2020
Course Description and Course Note:	ANTHR 111 is the laboratory course for Physical Anthropology. Laboratory exercises include the observation and interpretation of: natural selection and evolution; Mendelian, molecular, and population genetics; non-human primate anatomy, taxonomy, and behavior; fossil evidence of hominid evolution; forensic anthropology; human osteology; and human physical variation.
Justification:	Coding/Category Change Content Change
Academic Career:	• Credit
Mode of Delivery:	No value
Author:	No value
Course Family:	No value

Academic Senate Discipline

Primary Discipline:	• Anthropology
Alternate Discipline:	No value
Alternate Discipline:	No value

Course Development

Basic Skill Status (CB08)

Course is not a basic skills course.

☐ Allow Students to Gain Credit by Exam/Challenge

Course Special Class Status (CB13)

Course is not a special class.

Pre-Collegiate Level (CB21)

Not applicable.

Grading Basis

- Grade with Pass / No-Pass Option

Course Support Course Status (CB26)

Course is not a support course

General Education and C-ID

General Education Status (CB25)

Not Applicable

Transferability

Transferable to both UC and CSU

Transferability Status

Approved

Cal-GETC	Area	Status	Approval Date	Comparable Course
Area 5C: Laboratory	Laboratory	Approved	09/02/2025	No Comparable Course defined.

C-ID	Area	Status	Approval Date	Comparable Course
ANTH	Anthropology	Approved	02/16/2016	ANTH 115 L - Biological Anthropology Laboratory

Units and Hours

Summary

Minimum Credit Units (CB07)	1
Maximum Credit Units (CB06)	1
Total Course In-Class (Contact) Hours	54
Total Course Out-of-Class Hours	0
Total Student Learning Hours	54

Credit / Non-Credit Options

Course Type (CB04)

Credit - Degree Applicable

Noncredit Course Category (CB22)

Credit Course.

Noncredit Special Characteristics

No Value

Course Classification Code (CB11)

Funding Agency Category (CB23)

☐ Cooperative Work Experience Education Status (CB10)

Credit Course.	Not Applicable.

☐ Variable Credit Course

Weekly Student Hours

	In Class	Out of Class
Lecture Hours	0	0
Laboratory Hours	3	0
Studio Hours	0	0

Course Student Hours

Course Duration (Weeks)	18
Hours per unit divisor	0
Course In-Class (Contact) Hours	
Lecture	0
Laboratory	54
Studio	0
Total	54
Course Out-of-Class Hours	
Lecture	0
Laboratory	0
Studio	0
Total	0

Time Commitment Notes for Students

No value

Units and Hours - Weekly Specialty Hours

Activity Name	Type	In Class	Out of Class
No Value	No Value	No Value	No Value

Prerequisites, Corequisites, Recommended Corequisites, and Recommended Preparation

Prerequisite

ANTHR110 - Physical Anthropology (no lab)

Objectives

- Describe the scientific process as a methodology for understanding the natural world.
- Define the scope of anthropology and discuss the role of biological anthropology within the discipline.
- Identify the main contributors to the development of evolutionary theory.
- Explain the basic principles of Mendelian, molecular and population genetics.
- Evaluate how the forces of evolution produce genetic and phenotypic change over time, including mutational errors and natural selection.
- Demonstrate an understanding of classification; morphology and behavior of living primates; and primate identification.
- Summarize methods used in interpreting the fossil record, including dating techniques and biasing agents.
- Recognize the major groups of hominin fossils and describe alternate phylogenies for human evolution.
- Identify the biological and cultural factors responsible for human variation.
- Explain the ways human variation has been examined and critique both how the scientific and social communities have used data.

OR

Co-Requisite

ANTHR110 - Physical Anthropology (no lab)

ANTHR 110 may be taken concurrently

AND

Advisory

ENGLC1000 - Academic Reading and Writing

Objectives

- Read analytically to understand and respond to diverse academic texts.
- Compose thesis-driven academic writing that demonstrates analysis and synthesis of sources as appropriate to the rhetorical situation.
- Demonstrate strategies for planning, outlining, drafting, revising, editing, and proofreading written work.
- Analyze stylistic choices in their own writing and the writing of others and the context in which readings were produced.
- Write timed, in-class essays exhibiting acceptable college-level control of mechanics, organization, development, and coherence.
- Integrate the ideas of others through paraphrasing, summarizing, and quoting without plagiarism.
- Find, evaluate, analyze, and interpret primary and secondary sources, incorporating them into written essays using appropriate documentation format.
- Proofread and edit essays for presentation so they exhibit no disruptive errors in English grammar, usage, or punctuation.

OR

Advisory

ENGLC1000E - Academic Reading and Writing

Objectives

- Read analytically to understand and respond to diverse academic texts.
- Compose thesis-driven academic writing that demonstrates analysis and synthesis of sources as appropriate to the rhetorical situation.
- Demonstrate strategies for planning, outlining, drafting, revising, editing, and proofreading written work.
- Analyze stylistic choices in their own writing and the writing of others and the context in which readings were produced.
- Write timed, in-class essays exhibiting acceptable college-level control of mechanics, organization, development, and coherence.
- Integrate the ideas of others through paraphrasing, summarizing, and quoting without plagiarism.
- Find, evaluate, analyze, and interpret primary and secondary sources, incorporating them into written essays using appropriate documentation format.
- Proofread and edit essays for presentation so they exhibit no disruptive errors in English grammar, usage, or punctuation.

OR

Advisory

ENGLC1000H - Academic Reading and Writing - Honors

Objectives

- Read analytically to understand and respond to diverse academic texts.
- Compose thesis-driven academic writing that demonstrates analysis and synthesis of sources as appropriate to the rhetorical situation.
- Demonstrate strategies for planning, outlining, drafting, revising, editing, and proofreading written work.
- Analyze stylistic choices in their own writing and the writing of others and the context in which readings were produced.
- Write timed, in-class essays exhibiting acceptable college-level control of mechanics, organization, development, and coherence.
- Integrate the ideas of others through paraphrasing, summarizing, and quoting without plagiarism.
- Proofread and edit essays for presentation so they exhibit no disruptive errors in English grammar, usage, or punctuation.
- Find, evaluate, analyze, and interpret primary and secondary sources, incorporating them into written essays using appropriate documentation format.

Entry Standards

Entry Standards	Description
No value	No value

Course Limitations

Cross Listed or Equivalent Course	Description
No value	No value

Requisite Validation

Upload Statistical Validation and/or other documents (if necessary)

No Value

Specifications

Methods of Instruction

Methods of Instruction	
Methods of Instruction	Laboratory
Methods of Instruction	Discussion
Methods of Instruction	Multimedia
Methods of Instruction	Collaborative Learning
Methods of Instruction	Presentations

Out of Class Assignments

- Out of class visits and field trips (e.g., attending primate lectures at the SCPRF)

- Group projects (e.g., primate research project based on empirical observations of primates at the zoo)

Methods of Evaluation	Description of Activity/Interaction
Activity (answering journal prompt, group activity)	Lab exercises
Exam/Quiz/Test	Quizzes
Writing Assignment	Written in-class assignments (e.g., critique journal article)
Exam/Quiz/Test	Midterm examinations
Exam/Quiz/Test	Final examination

Textbook Rationale

No Value

Textbooks

Author	Title	Publisher	Date	ISBN
Walker-Pacheco, Suzanne	Exploring Physical Anthropology: A Lab Manual & Workbook	Morton Publishing Company	2022	978-1640432123

Other Instructional Materials (i.e. OER, handouts)

No Value

Learning Outcomes

Course Objectives

Describe the scientific process as a methodology for understanding the natural world.

Describe and define natural selection, evolution, and the processes that shape them.

Solve simple and advanced Mendelian and population genetics problems.

Outline the most important steps in protein synthesis, and relate those steps to mutational errors and how natural selection is made meaningful on agenetic level.

Identify the important morphological conditions found in hominid fossils.

Identify biasing agents in the fossil record.

Identify human bones and features of bones to interpret both non-human primate and hominid material.

Describe the ways human variation has been examined and critique both how the scientific and social communities have used data.

Evaluate the behavior of non-human primates..

SLOs

Discuss hominid and non-human primate anatomy and behavior and make inferences about behavior from morphological characteristics of skeletons.
Expected Outcome Performance: 70.0

ILOs Core ILOs	Analyze and solve problems using critical, logical, and creative thinking; ask questions, pursue a line of inquiry, and derive conclusions; cultivate creativity that leads to innovative ideas.
	Communicate clearly, ethically, and creatively; listen actively and engage respectfully with others; consider situational, cultural, and personal contexts within or across multiple modes of communication.
ILOs General Education	analyze, interpret, and present research evidence
	apply reasoning to evaluate hypotheses and theories
	examine causality or associations between or among variables of the natural world

Analyze the record of fossil forms leading to the characteristic structure of modern Homo sapiens, identifying human variation at the individual and group levels.
Expected Outcome Performance: 70.0

ILOs Core ILOs	Analyze and solve problems using critical, logical, and creative thinking; ask questions, pursue a line of inquiry, and derive conclusions; cultivate creativity that leads to innovative ideas.
ILOs General Education	analyze, interpret, and present research evidence
	apply reasoning to evaluate hypotheses and theories
	examine causality or associations between or among variables of the natural world

Additional SLO Information

Does this proposal include revisions that might improve student attainment of course learning outcomes?

No

Is this proposal submitted in response to learning outcomes assessment data?

No

If yes was selected in either of the above questions for learning outcomes, explain and attach evidence of discussions about learning outcomes.

No Value

SLO Evidence

No Value

Course Content

Lecture Content

No value

Laboratory/Studio Content

Scientific Method, Natural Selection, & Basic Evolution (4 hours)
- What the scientific method is and how it works
- The nature and function of natural selection
- Evolution and how it can be modeled

Human Genetics (12 hours)
- Mendelian genetics
- Molecular genetics
- Population genetics

Anatomy and Primate Taxonomy (10 hours)
- Basic skeletal anatomy
- Primate skeletal anatomy & taxonomy
- Sexual dimorphism

Primate Behavior (4 hours)
- Value of studying non-human primate behaviors to evolutionary anthropologists and paleoanthropologists
- Conduct and biases of behavioral studies
- Observations of living primates (fieldwork)
- Interpretations of living primate data

Fossil Record and Hominid Evolution (12 hours)
- Archeological methods and dating techniques
- Early hominids
- Bipedalism
- Genus Homo
- Dental morphology & diet

Human Variation (7 hours)
- Pulse rate and body temperature lab
- Bone anthropometry and dermatoglyphics

Forensic Anthropology (5 hours)
- Bone trauma
- Bone pathology
- Determination of age, sex and cause of death

Total Hours: 54

Additional Information

Repeatability

Not Repeatable

Justification (if repeatable was chosen above)

No Value

Is it possible this course will have a material fee?

No

I have contacted my library liaison (https://campusguides.glendale.edu/faculty/liaisons):

No

What term(s) will this course be offered?

Fall/Spring

Will any additional resources be needed for this course? (Click all that apply)

- No

If additional resources are needed, add a brief description and cost in the box provided.

No Value