ANTHRO 1L Course Outline as of Fall 2001

CATALOG INFORMATION

Dept and Nbr: ANTHRO 1L Title: PHYSICAL ANTHRO LAB
Full Title: Physical Anthropology Lab
Last Reviewed: 3/9/2026

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.00	Lecture Scheduled	0	17.5	Lecture Scheduled	0
Minimum	1.00	Lab Scheduled	3.00	6	Lab Scheduled	52.50
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00 Total Student Learning Hours: 52.50

Title 5 Category:	AA Degree Applicable
Grading:	Grade or P/NP
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	

Catalog Description:
An introductory laboratory course in which scientific methodology is taught and used to explore/experiment with topics found in lecture sections of Anthro 1. Topics will be selected from the following according to instructor interest: Mendelian genetics, population genetics, human variability, forensics, medical anthropology, epidemiology, hominid dietary patterns, non-human primates, primate dental and skeletal anatomy, fossil hominids, chronometric dating, environmental challenges to hominids, environmental impact of hominid behavior, general methodologies utilized in physical anthropological research, and the general study of hominids as bio-culturally adapting animals.

Prerequisites/Corequisites:
Course Completion or Current Enrollment in ANTH C1001 (or ANTH 1 or ANTHRO 1)

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:
Description: A science lab course associated with Anth 1. Topics selected according to

instructor interest. Examples: hominid and primate biological diversity, comparative skeletal and fossil forms, medical anthropology, forensics, environmental adaptation, and the like. (Grade or P/NP)
Prerequisites/Corequisites: Course Completion or Current Enrollment in ANTH C1001 (or ANTH 1 or ANTHRO 1)
Recommended:
Limits on Enrollment:
Transfer Credit: CSU;UC.
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**			Effective:	Inactive:
CSU GE:	**Transfer Area**			Effective:	Inactive:
	B3	Laboratory Activity		Fall 2001	
IGETC:	**Transfer Area**			Effective:	Inactive:
	5C	Fulfills Lab Requirement		Fall 2012	
	5B	Biological Sciences		Fall 2001	Fall 2012
	5C	Fulfills Lab Requirement			
CSU Transfer:	Transferable	Effective:	Fall 2001	Inactive:	Fall 2027
UC Transfer:	Transferable	Effective:	Fall 2001	Inactive:	

CID:

Certificate/Major Applicable:
Not Certificate/Major Applicable

COURSE CONTENT

Outcomes and Objectives:
Students completing this course: will distinguish scientific methodology from other methods of evaluation or thinking; be able to distinguish a variety of primate and/or hominid evolutionary patterns over time; be able to assemble or organize specimens and/or models used in physical anthropology (skeletal, dental, genetic, geological); be able to evaluate and debate social, cultural, environmental, or other influences on hominid adaptation and survival over time. [While specific topics vary from instructor to instructor, these themes are common to all issues.]

Topics and Scope:

Students will demonstrate knowledge in these areas [by instructor interest with no more than 4 weeks in any single topic].
Mendelian genetics
Population genetics
Human variability
Forensics
Medical anthropology
Epidemiology

Dietary patterns
Non-human primates
Pimate dental and skeletal anatomy
Fossil hominids
Chronometric dating
Environmental challenges to hominids
Environmental impact of hominid behavior
General methodologies utilized in physical anthropological research, and/or the general study of hominids as bio-culturally adapting animals.

Assignment:

Weekly reading assignments in course text or workbook.
Weekly homework or laboratory preparation assignments.
Weekly problem solving and/or skills demonstrations with lab models or specimens in class.
Weekly participation in group discussion of data and problem solving assignments.
Attendance and written report on field observations when assigned.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.	Writing 0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework problems, Lab reports, Quizzes	Problem solving 10 - 20%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Class performances, Field work, Performance exams	Skill Demonstrations 20 - 30%

Exams: All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion, Identification of specimens	Exams 40 - 50%

Other: Includes any assessment tools that do not logically fit into the above categories.

Field experience with living primates when opportunities allow.	Other Category 20 - 30%

Representative Textbooks and Materials:

Wolfe, L.L. Lieberman & D. Hutchinson
1999 PHYSICAL ANTHROPOLOGY LABORATORY TEXTBOOK, 5th Edition
Contemporary Publishing Co. Raleigh, N.C.
or
France, Diane
1998 LAB MANUAL AND WORKBOOK FOR PHYSICAL ANTHROPOLOGY
West/Wadsworth, Los Angeles
or
Stein, P. and B. Rowe
2000 WORKBOOK FOR USE WITH PHYSICAL ANTHROPOLOGY, 7th Edition
McGraw Hill, New York