

**ANTHRO 19 Course Outline as of Fall 2023****CATALOG INFORMATION**

Dept and Nbr: ANTHRO 19 Title: FORENSIC ANTHROPOLOGY

Full Title: Forensic Anthropology

Last Reviewed: 4/25/2022

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	3.00	Lab Scheduled	0	6	Lab Scheduled	0
		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: 105.00

Total Student Learning Hours: 157.50

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:**

Students in this class will be introduced to the field of forensic anthropology and the role that forensic anthropologists play in crime scene investigation. Throughout the course, students will master the techniques used to assess age, sex, trauma, pathology, and cause of death from the human skeleton within a medico-legal context.

**Prerequisites/Corequisites:****Recommended Preparation:**

Eligibility for ENGL 1A or equivalent and Course Completion of ANTHRO 1  
Completion of ANTHRO 1

**Limits on Enrollment:****Schedule of Classes Information:**

Description: Students in this class will be introduced to the field of forensic anthropology and the role that forensic anthropologists play in crime scene investigation. Throughout the course, students will master the techniques used to assess age, sex, trauma, pathology, and cause of death from the human skeleton within a medico-legal context. (Grade or P/NP)

Prerequisites/Corequisites:

Recommended: Eligibility for ENGL 1A or equivalent and Course Completion of ANTHRO 1  
Course Completion of ANTHRO 1

Limits on Enrollment:

Transfer Credit: CSU;UC.

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>		Effective:	Inactive:
	C	Natural Sciences	Fall 2017	
<b>CSU GE:</b>	<b>Transfer Area</b>		Effective:	Inactive:
	B2	Life Science	Fall 2017	
<b>IGETC:</b>	<b>Transfer Area</b>		Effective:	Inactive:
	5B	Biological Sciences	Fall 2017	
<b>CSU Transfer:</b>	Transferable	Effective:	Fall 2017	Inactive:
<b>UC Transfer:</b>	Transferable	Effective:	Fall 2017	Inactive:

**CID:**

**Certificate/Major Applicable:**

Major Applicable Course

## **COURSE CONTENT**

**Student Learning Outcomes:**

At the conclusion of this course, the student should be able to:

1. Utilize anthropological methods to estimate an individual's sex, age, trauma, pathology, and cause of death from their skeletal remains.
2. Demonstrate familiarity with the role and responsibilities of forensic anthropologists in the investigative process.

**Objectives:**

At the conclusion of this course, the student should be able to:

1. Identify the major bones of the body.
2. Estimate sex using the human skeleton.
3. Assess age-at-death of an individual using skeletal and dental markers.
4. Recognize common skeletal pathologies and trauma.
5. Differentiate among pre-, peri-, and post-mortem skeletal injuries.
6. Discuss the relevance of forensic anthropology to crime scene investigations.

**Topics and Scope:**

- I. Human Osteology
- II. Human Odontology
- III. Sex Determination Techniques
- IV. Age Assessment Techniques
- V. Pathology
- VI. Trauma and Injury

- VII. Cause of Death
- VIII. Minimum and Maximum Number of Individuals
- IX. Logistics of Crime Scene Analysis
- X. Role of Forensic Anthropologist in Medico-legal Contexts
- XI. Review of Well-known Forensic Anthropology Case Studies
- XII. Ethical Considerations in Forensic Anthropology

### Assignment:

1. Reading assignments (15-50 pages per week)
2. Writing assignments (1500-3000 word count) include occasional short-answer and essay responses based on homework reading
3. Weekly exercises such as:
  - A. Problem-solving reports
  - B. Skills demonstrations
4. Quizzes or exams (2-4), which can include:
  - A. Multiple choice
  - B. True/false
  - C. Matching items
  - D. Short answer
  - E. Essays
  - F. Identification of three-dimensional specimens

### 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.

Short answer and essay responses to assigned homework readings and questions

Writing  
10 - 15%

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

Reports

Problem solving  
10 - 15%

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

Skills demonstrations

Skill Demonstrations  
30 - 40%

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

Quizzes or exams

Exams  
30 - 40%

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

None
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Other Category 0 - 0%
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**Representative Textbooks and Materials:**

Introduction to Forensic Anthropology (5th). Byers, Steven N. Routledge. 2017 (classic).

Forensic Anthropology: Current Methods and Practice (2nd). Christensen, Angi M.; Passalacqua, Nicholas V. and Bartelink, Eric J. Elsevier Academic Press. 2019.

The Human Bone Manual. White, Tim D. and Folkens, Pieter A. Elsevier Academic Press. 2005 (classic).