

Crafton Hills College Course Outline

- 1. **Discipline:** Anthropology
- 2. **Department:** Social Science
- 3. **Course Title:** Introduction to Archaeology
- 4. **Course I.D.:** ANTHRO 100
- 5. **Prerequisite(s):** None
- Corequisite(s):** None

Departmental Recommendation(s):
Eligibility for ENGL 101

- 6. **Semester Units:** 3
- 7. **Minimum Semester Hours:**

Method	In-Class Min	Out-of-Class Min
Lecture	48.00	96.00
Lab		
Activity		
Clinical		
Field		
Work Experience		
Independent		
Total	48.00	0

8. Need for the Course:

An introductory course in archaeology is typically offered at community colleges and four-year institutions and is part of a comprehensive community college anthropology curriculum. ANTHRO 100 is associate degree applicable, applies to the associate degree requirements for an A.A. in Anthropology and fulfills the associate degree general education requirement for social and behavioral sciences. This course transfers to CSU and UC, satisfies a CSU GE Breadth general education requirement in Area D, Social Sciences and an IGETC general education requirement in Area 4, Social and Behavioral Sciences.

9. Goals for the Course:

- A. To satisfy part of the educational requirements for an associate degree in anthropology.
- B. To offer an introductory course for students interested in archaeology.
- C. To provide alternate viewpoints on the human condition leading to flexibility and wisdom in the handling of a wide variety of human problems.

D. To develop the student's ability to observe situations and to write accurate accounts.

10. Catalog Description:

Introduction to the history, objectives, methods, and theory of contemporary archaeology. Topics include the historical development of archaeological science, archaeological methodology and interpretation, dating techniques, the analysis of cultural sequence, and ethical and legal considerations related to archaeological research.

11. Schedule Description:

Introduction to the history, objectives, methods, and theory of contemporary archaeology.

12. Entrance Skills:

A. Requisite Skills: None

B. Recommended Skills:

It is highly recommended that students entering this course be able to:

1. Write an essay of five or more pages with a clear introduction, body, and conclusion.
2. Write clear, coherent paragraphs developing and supporting a single subject or idea throughout the entire essay.
3. Incorporate the ideas and research of others into their own writing, including the proper identification and citation of sources utilized in the development of essays.
4. Follow the standard rules of spelling, punctuation, grammar, and syntax.

13. Student Learning Outcomes:

Upon satisfactory completion of the course, students will be able to:

1. Demonstrate an understanding of the scientific method and its application to archaeological research.
2. Describe the archaeological methods and theory used to analyze and interpret the human past.

14. Course Objectives:

Upon satisfactory completion of the course, students will be able to:

1. Discuss the scientific method, including its steps and utility in conducting archaeological research.
2. Describe the theoretical and historical relationship between archaeology and anthropology.
3. Describe the theoretical frameworks, methodologies, and field techniques used to interpret the archaeological record.
4. Identify the methods of archaeological analysis and classification typology with reference to cultural sequence.
5. Describe the goals and legal and ethical considerations of cultural resource management and working with descendent communities.

15. Representative Texts and Instructional Materials:

Ashmore, W. & Sharer, R. (2013). *Discovering Our Past: A Brief Introduction to Archaeology*. (6/e). New York: McGraw-Hill.

Fagan, B. & Durrani, N. (2013). *In the Beginning: An Introduction to Archaeology* (13/e). Upper Saddle River, NJ: Pearson.

Feder, K. (2013). *Frauds, Myths, and Mysteries: Science and Pseudoscience in Archaeology* (8/e). New York: McGraw-Hill.

Feder, K. (2014). *The Past in Perspective: An Introduction to Human Prehistory* (6/e). New York: Oxford University Press.

16. Course Content:

A. Introduction to Archaeology

1. What is Archaeology
2. Archaeology as Science and the Scientific Method

- 3. Archaeology and History
 - a. Historical Archaeology
 - b. Prehistoric Archaeology
- 4. Archaeology and Anthropology
 - a. Culture
 - b. Ethnoarchaeology
- 5. Goals of Archaeology
 - a. Stewardship
 - b. Understanding the Archaeological Record
- B. History of Archaeology
 - 1. The Origins of Archaeology
 - a. Antiquarians
 - b. Uniformitarianism
 - c. The Theory of Evolution by Natural Selection
 - 2. The Development of Modern Archaeology
 - a. Three-age System
 - b. Unilinear Cultural Evolution
 - c. Historical Particularism
- C. Contemporary Archaeological Theory
 - 1. Culture History
 - a. Normative Model of Culture
 - b. Time-Space Grids
 - c. Tradition/Horizon
 - d. Diffusion
 - 2. Processual Archaeology
 - a. Cultural Ecology
 - b. Multilinear Cultural Evolution
 - 3. Postprocessual Archaeology
- D. Archaeological Methodology
 - 1. Archaeological Data
 - a. Artifacts
 - b. Features
 - c. Ecofacts
 - d. Sites
 - e. Regions
 - 2. Deposition and Transformation
 - a. Behavioral Processes
 - b. Transformational Processes
 - c. Matrix
 - d. Provenience
 - e. Association
 - 3. Research Design
 - a. Data Sampling
 - b. Stages of Research Formulation
- E. Archaeological Survey
 - 1. Remote Sensing
 - a. Aerial Photography
 - b. Nonphotographic Methods
 - 2. Subsurface Survey
 - a. Nonintrusive Methods
 - b. Intrusive Methods
 - 3. Data Processing
 - a. Maps
 - b. GIS
- F. Archaeological Excavation
 - 1. Excavation Methods
 - a. Trenches and Testing
 - b. Penetrating Excavations
 - c. Clearing Excavations
 - 2. Recording Excavation Data

- a. Written Records
 - b. Site Plans
 - c. Photographs and Digital Images
 - 3. Special Excavation Issues
 - a. Burials
 - b. Fragile Objects
- G. Archaeological Analysis and Classification
 - 1. Artifacts
 - a. Lithic Artifacts
 - b. Ceramic Artifacts
 - c. Metal Artifacts
 - d. Organic Artifacts
 - 2. Ecofacts
 - a. Floral Ecofacts
 - b. Faunal Ecofacts
 - c. Soils and Sediments
 - 3. Features
 - a. Constructed Features
 - b. Cumulative Features
- H. Dating Techniques
 - 1. Relative Dating Techniques
 - a. Seriation
 - b. Sequence Comparison
 - c. Stratigraphy
 - d. Geochronology
 - 2. Absolute Dating Techniques
 - a. Obsidian Hydration
 - b. Dendrochronology
 - c. Radiocarbon Dating
 - d. Potassium-Argon Dating
- I. Archaeological Interpretation and Cultural Sequence
 - 1. Cultural Historical Interpretations
 - a. Cultural Invention
 - b. Cultural Drift
 - c. Cultural Revival
 - d. Diffusion
 - 2. Processual Interpretations
 - a. Negative Feedback
 - b. Positive Feedback
 - c. Cultural Ecology
 - d. Multivariate Strategy
- J. Legal and Ethical Considerations
 - 1. Cultural Resource Management
 - a. Legislation
 - b. Goals of CRM
 - c. Challenges
 - 2. Working with Descendant Communities
 - a. NAGPRA
 - b. Indigenous Archaeology

17. Methods of Instruction:

- A. Lecture
- B. Observation
- C. Audio Visual Presentations
- D. Collaborative Group Work
- E. Class Activities
- F. Class Discussions

18. Assignments and Methods of Evaluation:

1. Objective and essay quizzes, tests and examinations (40-60%)
2. Written assignments including analyses, reports, in class activities and homework assignments (20-30%)
3. Comprehensive research paper(s) on a prehistoric culture and/or scientific approaches to the study of the culture (20-30%)
4. Oral presentations (0-10%)
5. Participation (0-10%)

19. Course Enrollment: 55

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