

# ANTH 51: ARCHAEOLOGY SURVEY

## Foothill College Course Outline of Record

Heading	Value
Effective Term:	Summer 2025
Units:	2
Hours:	6 laboratory per week (72 total per quarter)
Advisory:	Not open to students with credit in ANTH 11B.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade (Request for Pass/No Pass)
Repeatability:	Not Repeatable

## Student Learning Outcomes

- Critically analyze and interpret archaeological data gathered from field survey and excavations.
- Practice archaeology in the field and demonstrate competency.
- Reflect critically on the role of archaeology in contemporary society, including its impact on descendant communities and the politics of heritage.

## Description

Introduction to field survey in archaeology. Emphasis on site identification, survey techniques, and recording skills. All work is conducted at field sites.

## Course Objectives

The student will be able to:

1. Use and apply basic terminology of archaeology.
2. Research a parcel of land to locate all previously recorded archaeological sites, research reports.
3. Utilize historic map archives to research peripheral resources to a parcel.
4. Explain the importance to archaeological survey of lithic scatters, permanent campgrounds, and ideological sites.
5. Analyze the environment and recognize archaeological resources of the Bay Area and Central Coast of California.
6. Read, evaluate critically, map on USGS index, and inventory California archaeological site records.
7. Relate to state archaeological inventory centers and the State Historic Preservation Office Record Center.

## Course Content

1. Basic units of archaeology survey concept and terms
  - a. Artifacts
  - b. Stratigraphy
  - c. Archaeological sites

2. Theory of archaeological survey
  - a. History of the development of archaeological surveys
  - b. Variety of archaeological surveys including predictive surveys
  - c. Relationship of archaeological archive and public planning in California and the U.S.
3. Practice of archaeological survey
  - a. Forms and procedures for recording archaeological survey
  - b. The use of U.S.G.S. for data indexing in archaeology
  - c. The automation for computerization of archaeological data
  - d. Use of hand held compass, map, and transit
  - e. Field techniques of observation and recording
4. Archaeological resources
  - a. The archaeological Regional Information Centers and their activity
  - b. The state Office of Historic Preservation data center
  - c. The GIS data systems of the National Park Services
  - d. Data information systems used elsewhere in the world

## Lab Content

Required field survey practical exercises using compass, GPS, and total station, among other techniques, to include ground-penetrating radar.

## Special Facilities and/or Equipment

1. Marshalltown trowel and inexpensive compass.
2. Instructor provided materials.
3. When taught via Foothill Global Access, on-going access to computer with email software and hardware; email address.

## Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

- Completion of fieldwork
- Daily field records
- Oral reports

## Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

- Lecture
- Discussion
- Field work
- Oral presentations
- Demonstration
- Field trips

## Representative Text(s) and Other Materials

- Neumann, Thomas, Robert Sanford, and Mary Spink. Practicing Archaeology: A Manual for Cultural Resources Archaeology. 3rd ed.. 2022.
- White, Gregory, and Thomas King. The Archaeology Survey Manual. 2007.
- Banning, E.B.. Archaeological Survey (Manuals in Archaeological Method, Theory and Technique), 1st ed.. 2002.

McMillon, Bill. Archaeology Handbook: A Field Manual and Resource Guide. 1991.

King, T.F.. Archaeological Survey. 2010.

Although some of these texts are older than the suggested "5 years or newer" standard, they remain seminal texts in this area of study.

## **Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments**

Requirement to learn methods on an real archaeological site.  
Examinations of methods carried out on site.

## **Discipline(s)**

Anthropology