

# Archaeological Theory and Method

ANTH 1121 & 1121L Section 501 – Fall 2019

Valencia Arts & Science 131 Mon/W 1:30 a.m. - 2:45 p.m.

Lab Valencia Health Sciences 113 Tuesday 1-3 pm.

## COURSE SYLLABUS

### **Instructor**

Andrew Carey

[acarey1@unm.edu](mailto:acarey1@unm.edu)

### **Office Hours:**

**A&S 113**

Monday 12 - 1 p.m.

*or by appointment*

## COURSE MATERIALS

### Required Textbook

1. **Archaeology: Down to Earth**, 5<sup>th</sup> Edition (Kelly & Thomas)

**Changes in Course Schedule and/or Content:** Any changes made in the course schedule and/or course content will be announced in class. In addition, all students will be notified of any changes via email.

## COURSE CONTENT

### ***Course Description and Objectives***

Archaeology is the study of the human past through the analysis of material remains humans have left behind. This course explores the basic theoretical and methodological underpinnings of the discipline, as well as the techniques that archaeologists employ to describe the empirical world, produce data, and interpret how people lived in the past. Examples of archaeological research from around the world will be used to increase students' understanding of concepts presented in lecture. Students will also apply the archeological principles in the laboratory portion of the course

**Student Learning Objectives (SLO)**

By completing this course, you will:

**SLO #1:** Understand the history of archaeology, with an emphasis on processual archaeology

*Assessment:* In an essay, students will identify the major ideas of processual archaeology and how they work. (Corresponds to Core Area 4, Competency #1)

**SLO #2:** Understand and apply fundamental theoretical and methodological concepts of the archaeology discipline.

*Assessment:* Student will demonstrate their knowledge of fundamental concepts in analysis of artifacts and written reports in the lab portion of the class. (Corresponds to Core Area 4, Competency #4)

**SLO #3:** Provide hands-on experience with archaeological data collection and analysis methods.

*Assessment:* In the lab, students will participate directly in the collection and analysis of artifacts. (Corresponds to Core Area 4, Competency #4)

**SLO #4:** Develop skills that will enable students to serve as crew members for supervised archaeological field and laboratory work.

*Assessment:* In the lab, students will participate in all aspects of data collection and analysis. (Corresponds to Core Area 4, Competency #4)

**SLO #5:** Provide students with the tools to describe the nature of archaeological remains.

*Assessment:* Students will critically analyze an peer refereed archaeology article of their choice. (Corresponds to Core Area 3, Competency #4)

**SLO #6:** Synthesize archaeological data to make informed and educated interpretations.

*Assessment:* In the lab, students will demonstrate knowledge of artifact analysis and interpretation. (Corresponds to Core Area 3, Competency #2)

**SLO #7:** Effectively comprehend and communicate knowledge about archaeological ethics and contemporary heritage management efforts and organizations.

**Assessment:** In an essay, students will discuss a case study involving the ethics and dilemmas of cultural resource management. (Corresponds to Core Area 3, Competency #5)

**SLO #8:** Instill awareness and appreciation of one's archaeological heritage

**Assessment:** In an essay, students will investigate and discuss one issue involving the archaeology of the South west. (Corresponds to Core Area 4, Competency #4)

### COURSE EVALUATION

Exams (3).....	100 points each	<b>300 points</b>
3 article reports.....	33 (+1)points each	<b>100 points</b>
Participation .....	100 points	<b>100 points</b>
<hr/>		<b>500 Total Points for the Course</b>

Letter Grades:

450-500 points	.....A
400-449	.....B
350-399	.....C
300-349	.....D
0-299	.....F

**Exams:** There will be 3 exams administered during the course. Each exam will cover material presented in the lectures, textbooks and assigned readings. All of the exams are *noncumulative*. Each exam will consist of multiple choice, short answer and essay questions. The three exams will count for 60% of your final grade.

**Make-up Exams:** You are expected to take the exams for this course when they are administered. I will allow you to make up an exam *only* in the case of a medical or family emergency or if you **inform me in advance** of missing the exam. If you become extremely ill or encounter an emergency during the period of the exam, it is your responsibility to contact me within 24 hours to schedule a make-up exam. You will also be required to provide a form of written verification (e.g., doctor's note, police report, hospital discharge form, etc.) in order to receive permission to take a make-up exam.

**Writing Assignment:** 3 Article reports will count for 20% of the final grade. Grading is based on content, format and style. The project involves doing library or field research, summarizing the data collected, and presenting the results in a formal essay and necessary attachments.

**Class participation:** You are expected to attend class and discuss the material of the week. You will get three absences without penalty, but each additional absence will knock 5 points off your participation grade. Likewise, you must take part in class discussion. Attendance accounts for

75% of the attendance grade, and the other 25% is based on class participation.

***Extra Credit:*** You can earn a maximum of 20 extra credit points that count toward your final point total for the semester. Extra credit points will be added to your total points earned at the end of the semester to determine your final grade. In order to receive extra credit, you must complete an extra credit assignment as described in the Extra Credit Options handout that is available on the course Learn website. You can choose from a list of several extra credit assignment options that detail what is required for each assignment. Each extra credit assignment is worth 10 points. Extra credit assignments will be accepted up to the last regular class period on Dec. 4. You can receive **no more** than a maximum of 20 extra credit points for the course. Refer to the Extra Credit Options on the class website for more details.

***Grading:*** You can email or arrange to meet with me at UNM's Valencia campus (if you live nearby) to find out how you are doing in the course at any time throughout the semester. If you are receiving the NM Lottery Scholarship, please check with me by mid-term to monitor your grade so that you are not at risk of losing the scholarship at the end of the semester. Your final grade will consist of your 3 exam scores, your project score, and your participation scores plus any extra credit points.

## **COURSE POLICY**

***Withdrawal:*** In accordance with University of New Mexico policy, you can withdraw from this course at any time before Nov. 8, 2019. After that date, you may still withdraw from the course with permission from the Dean. No withdrawal will be accepted after the last day of instruction of the semester, prior to final exam week. **Note: Faculty and instructors are NOT responsible for dropping students who do not attend. It is the student's responsibility to monitor their own progress in the course and to submit a withdrawal request only if necessary.**

***Incomplete:*** Only under special circumstances will a grade of Incomplete (I) be granted to a student in this course. If you will not be able to complete the final course requirements, you must meet with me as soon as possible to make arrangements. You must also provide written documentation that verifies why you will not be able to complete the course requirements on time. An Incomplete grade must be completed within one year of the last day of class or it is automatically converted to a final grade of F. An Incomplete will not be given to any student because they have fallen behind in the course materials and/or they want to repeat the course for a better grade.

***Accommodation of Learning Disabilities/Special Needs:*** If you have a learning disability or special need that would affect your ability to master the material presented in this course and/or take the exams as described above, please email or see me as soon as possible to arrange for special accommodations. Students with disabilities must officially register with UNM Valencia's Equal Access Service (EAS) prior to receiving special accommodations in this course. The EAS is located in the Advisement and Counseling area of the Student Services Building. Talk to Jeanne Lujan at 925-8910 or [jmlujan@unm.edu](mailto:jmlujan@unm.edu).

***Dishonesty in Academic Matters:*** According to UNM policy, each student enrolled in this course is expected to maintain the highest standards of honesty and integrity in academic and professional matters. UNM reserves the right to take disciplinary action, including dismissal, against any student who is found responsible for academic dishonesty. Any student who has been judged to have engaged in academic dishonesty in this course may receive a reduced or failing grade for the work in question and/or for the course. Academic dishonesty includes but is not limited to: dishonesty in (cheating on) quizzes, tests or assignments; claiming credit for work not done or done by others (plagiarism) and hindering the academic work of other students.

***Title IX Statement***

All UNM faculty members are required to inform the Title IX Coordinator at the Office of Equal Opportunity ([oeo.unm.edu](http://oeo.unm.edu)) of any report they receive of gender discrimination which includes sexual harassment, sexual misconduct, and/or sexual violence. You can read the full campus policy regarding sexual misconduct at [policy.unm.edu/university-policies/2000/2740.html](http://policy.unm.edu/university-policies/2000/2740.html). If you have experienced sexual violence or sexual misconduct, please ask a faculty or staff member for help or contact the LoboRESPECT Advocacy Center at [loborespect.unm.edu](http://loborespect.unm.edu).

**COURSE SCHEDULE**

WEEK 1

**Aug. 19 - 21 Class Introduction--What is Anthropology?**

***Lab: Introduction***

WEEK 2

**Aug. 26 – 28 Understanding the Past**

Reading: Archaeology Chapter 1 *Meet Some Real Archaeologists*

***Lab: Stones and Bones and Pottery, oh my!***

WEEK 3

**Sept. 2 (Labor Day) - 4 Early Archaeology (Culture History and Looters)**

Reading: Archaeology Chapter 2 *The Structure of Archaeological Inquiry*

***Lab: Lithic Analysis***

WEEK 4

**Sept. 9 - 11 Cultural Ecology and Settlement Archaeology**

Reading: Archaeology Chapter 3 *Doing Fieldwork: Surveying for Archaeological Sites*

***Lab: Lithics***

WEEK 5

**Sept. 16 - 18 Processual and Post-Processual Archaeology**

Readings: Archaeology *Chapter 4 Doing Fieldwork: Why Archaeologists dig Square Holes*

**\*\*\*Article Report #1 Due Sept. 18**

**Lab: Osteo-analysis**

WEEK 6

**Sept. 23 - 25 Chronological Sequences: Seeing time in the archaeological record**

Readings: Archaeology *Chapter 5 Chronology Building: How to Get a Date*

**\*\*\*EXAM #1 Sept. 25**

**Lab: More Bones**

WEEK 7

**Sept, 30 - Oct. 2 Hominid Evolution**

Readings: Archaeology *Chapter 6 The Dimensions of Archaeology: Time, Space, and Form*

**Lab: Survey**

WEEK 8

**Oct. 7 - 9 Human Occupation of the New World**

Readings: Archaeology *Chapter 7 Taphonomy, Experimental Archaeology, and Ethnoarchaeology*

**Lab: Survey and Site Recording**

WEEK 9

**Oct. 15 - 17 Paleo-Indian Lifeways**

Readings: Archaeology *Chapter 8 People, Plants and Animals of the Past*

**\*\*\*Article Report #2 Due Oct. 17**

**Lab: Excavation**

WEEK 10

**Oct. 21 - 23 End of the Pleistocene and the Megafauna**

**Lab: Excavation**

## WEEK 11

**Oct. 28 – 30 Optimality and the Grandmother Hypothesis**

Reading: Archaeology *Chapter 9 Bioarchaeological Approaches to the Past*

**\*\*\*EXAM #2 Oct. 30**

**Lab: Pottery**

## WEEK 12

**Nov. 4 - 6 Origins of Agriculture**

**\*\*\* Nov. 8--Last day to drop with a W**

**Lab: Pottery**

## WEEK 13

**Nov. 12 - 14 The origin of Complex Societies**

Reading: Archaeology *Chapter 10 Reconstructing Social and Political Systems of the Past*

**\*\*\*Article Report #3 Due Nov. 14**

**Lab: Plants and Pack Rats**

## WEEK 14

**Nov. 18 - 20 Conceptual models: What were people in the past thinking?**

Reading: Archaeology *Chapter 11 Archaeology of the Mind*

**Lab: Phytoliths**

## WEEK 15

**Nov. 25 - 27 Historic Archaeology**

Reading: Archaeology *Chapter 12 Historical Archaeology: Insight into American History*

**Lab: Historic**

## WEEK 16

**Dec. 2 - 4 Cultural Resource Management**

Reading: Archaeology *Chapter 13 Caring for the Global Cultural Heritage*

**Lab: Historic**

**\*\*\*\*FINAL EXAM**

