

ANTH 319 PRINCIPLES OF ARCHAEOLOGY

Section 001

FALL 2017

MWF 2:20-3:10 pm

Hamilton 140

Instructor: Dr. Gail E. Wagner

432 Gambrell (777-6548; gail.wagner@sc.edu)

Office Hours: Monday, Wednesday 10:30-11:30 am,
or easily by email appointment

COURSE OUTLINE

PART I: ARCHAEOLOGICAL GROUNDWORK

PART II: ARTIFACT ANALYSIS

PART III: INTERPRETATION and FIELD OF ARCHAEOLOGY

COURSE GOALS:

- To introduce you to the vocabulary, basic methods, theories, and goals of archaeology
- To acquaint you with the literature, issues, professionals, and history of archaeology
- To give you experience in solving archaeological problems

INCLUDES:

- Lectures, videos, class discussion, in-class workshops
- Opportunities for laboratory and field experience

NO TEXTBOOK: however, pdf and other readings will be assigned

CLASS ATTENDANCE IS REQUIRED

Missing more than 4 classes results in grade reduction:

ALL material is given in class:

IF YOU CANNOT ATTEND CLASS REGULARLY, DO NOT SIGN UP!!!

LEARNING OUTCOMES: By the conclusion of this course, students will be able to:

- Comprehend an archaeological report
- Define basic archaeological terms and concepts
- Explain the principles of stratigraphy
- Summarize the stages in archaeological investigations
- Demonstrate an understanding of ethical issues and behavior in archaeology
- Describe major relative and absolute dating techniques and understand when each use is appropriate
- Summarize the history of significant American legislation affecting archaeology
- Identify basic classes of archaeological materials/artifacts
- Explain how analysis of archaeological artifacts can inform us about human behavior
- Explain how analysis of settlement patterns can inform us about human behavior
- Explain how ideology may be revealed in the archaeological record
- Recognize the theoretical approach taken by a researcher
- Summarize the key differences among the major theoretical approaches taken by archaeologists today

ACADEMIC INTEGRITY: You are expected to practice the highest possible standards of academic integrity. Any deviation from this expectation will result in a minimum of your failing the assignment, and may result in additional, more severe disciplinary measures up to and including referring you to the Office of Academic Integrity. For more information, see the Carolina Community Student Handbook. Remember that the first tenet of the Carolinian Creed is, "I will practice personal and academic integrity."

RESPECT: All participants in the class are expected to display respect to each other, to the instructor, and to the places where the course meets. Personal use of the internet, phones, or other electronic devices during class time is rude, as well as forbidden.

ACCOMMODATIONS: Any student with a documented disability should contact the Office of Student Disability Services at 803-777-6142 to make arrangements for appropriate accommodations.

GRADING: Students take two tests during the semester (40 points each) and one final comprehensive examination (100 points). TEST questions may include multiple choice, true/false, matching, problem solving, short answer, and essays, and will include material covered in readings, lecture, laboratories, workshops, exercises, quizzes, and videos. You are expected to take tests on the day assigned: make-up tests, IF allowed, will be more difficult.

In addition to the tests, we'll have 8 quizzes and 6 exercises. EXERCISES are expected to be handed in on time: credit will be subtracted for EACH DAY the exercise is overdue. Exercises and quizzes must be completed before the test covering their material. There will be no make-ups for quizzes without a note from a doctor: if you miss a quiz, notify your professor by email asap. The lowest two QUIZ scores will be dropped. Questions on 20 sets of readings will be posted on Blackboard, where you may accumulate up to 30 points after the five lowest scores are dropped. Reading questions go offline permanently at class time on the day due.

Non-attendance will subtract substantial points from your final score (3 points or 1% off for each day missed beyond 4 missed days. Note: 4 missed days = 1.5 weeks of class). NO makeup work will be allowed: work at completing the assigned tasks on time. Extra credit may be obtained by timely completion of the course evaluation at the end of the semester, and by completing each reading quiz with a score of at least 1.

A total of 300 points are possible. Grading will be determined as follows:

Quizzes (6x10 x .667) 40 pts **13%** (8 quizzes, two lowest quiz scores dropped)

Exercises (6x10) 60 pts **20%**

Readings 30 pts **10%** (20 reading quizzes, 5 lowest scores dropped)

Tests 1 and 2 (total) 80 pts **27%**

Final Comprehensive Examination 90 pts **30%**

Each day missed beyond 4 days = 3 points off your total score (1% per day missed);

Points	Grade	Percent
272-300	A	91-100%
260-271.5	B+	87-90.5%
239-259.5	B	80-86.5%
227-238.5	C+	76-79.5%
194-226.5	C	65-75.5%
182-193.5	D+	61-64.5%
150-181.5	D	50-60.5%
<150	F	<50%

If Pass/Fail grading is elected, at least 100 points must be earned for the grade of Pass. The grade of Fail is assigned when the student earns 99 points or less. To apply to Carolina Core requirements, courses must be taken for regular letter grades. Students should consult their academic deans before electing Pass/Fail grading.

LIST OF EXERCISES

- 1 - Stratigraphy** Assigned Sept. 1, **DUE Sept. 11**; on Blackboard
- 2 - Dating** Assigned Sept. 11, **DUE Sept. 18**; on Blackboard
- 3 - Artifacts** Assigned Oct. 2, **DUE Oct. 9**; on Blackboard
- 4 - Artifact Analysis** Assigned Oct. 4, **DUE Oct. 23**; on Blackboard
- 5 - Space and Social Organization** Assigned Nov. 6, **DUE Nov. 20**; Hand in
- 6 - Archaeology Today** Assigned Nov. 15, **DUE Nov. Dec. 1**; on Blackboard

Permission from majors: So that your Department of Anthropology may better serve the educational needs of its students, and as part of our regular assessment of that goal, we seek to collect samples of the work of **OUR MAJORS**. For that reason, photocopies may be made of some of your papers, tests, projects, and other work to be kept on file by the department for purposes of assessment of faculty teaching and of the department’s curriculum as a whole. Rest assured that they will be completely anonymous. Names of students will not be kept with samples of papers, and the papers will be kept confidential, only for consultation during periods of assessment. **If you would rather not have your work included, please let your instructor know in writing.**

Portfolios: We want to remind every anthropology undergraduate major and minor to keep an electronic portfolio of your course papers and other work that reflects your scholarship in Anthropology at USC. You will be encouraged to turn in this e-portfolio upon graduation. It will be kept confidential on a dedicated server in the department, and will make it much more convenient for you and the faculty in the future when you contact the department to request letters of recommendation.

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PROJECTED COURSE SYLLABUS

PART 1: ARCHAEOLOGICAL GROUNDWORK

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|-------------|----|---|
| AUG | 25 | What is archaeology? Vocabulary |
| | 28 | Vocabulary
Read: A Real Archaeological Experience (Drolette 2006) |
| | 30 | Vocabulary
Read: Taking on a Texas-Sized Project (Marini 2010); Life Back Then (Toner 2014). |
| SEPT | 1 | Stratigraphy and Soils
Read 1: Revolutionizing American Archaeology (Stewart 2009)
<u>Assigned:</u> Exercise 1 |

- SEPT** 4 **NO CLASS – Labor Day**
- 6 Stratigraphy and Soils, cont.
 Quiz on vocabulary
- 8 Stratigraphy and Soils: Tools for looking at dirt
 Read 2: A Grand Tradition of Mound Building (Ohlson 2008)
- 11 Dating – Relative
 DUE: Exercise 1 on Blackboard
 Assigned: Exercise 2
- 13 Dating – Absolute
 Quiz 1 on Vocabulary and Stratigraphy/Soils
- 15 Dating
 Archaeological Dating: Retracing Time (18 min)
 Read 3: A Date in Time (Fagan 1998)
- 18 Survey
 DUE: Exercise 2
- 20 Sampling
 Quiz 2 on Stratigraphy/Soils and Dating
- 22 Testing and Remote Sensing
 Read 4: Remote Sensing Emerges (Marsh 2002)
- 25 Excavation
 Quiz 3 on Survey -Remote Sensing
- 27 Game Show Test Review
- 29 **TEST ON PART I**

PART II: ARTIFACT ANALYSIS

- OCT**
- 2 **CLASS WORKSHOP:** Introduction to Artifacts
Assigned: Exercise 3
- 4 Ceramic Artifacts
Assigned: Exercise 4
- 6 Ceramic Artifacts
- 9 Ceramic Artifacts
DUE: Exercise 3
- 11 Lithic Artifacts
Quiz 4 through ceramic artifacts
- 13 Lithic Artifacts (semester Midpoint)
Read 5: Learning About a Prehistoric Quarry (Gardner 2005);
Prehistoric Jasper Quarry Yields New Information (Stout 2005)
- 16 Lithic Artifacts [Semester Midpoint]
- 18 Floral Remains
Read 6: Overview of Paleoethnobotany in Eastern North America
(Wagner 2000)
Quiz 5 on lithic artifacts
- 20 **NO CLASS – FALL BREAK**
- 23 Floral and Faunal Remains
DUE: Exercise 4
Read 7: Waterlogged Wonders (Gantenbein 2007)
- 25 Faunal Remains
Read 8: Shelter from the Prehistoric Storm (Repanshek 2007);
Where the Prehistoric Buffalo Roamed (Toner 2013)
- 27 Human Remains
Quiz 6 on material through Oct. 25
Read 9: Tracking Prehistoric Migration in Mesoamerica (Stewart 2004);
Dead Men Do Tell Tales (Edgar 1999);
A Picture of Ancient Life and Death (Ohlson 2007)
- 30 Game Show Review for test
- NOV**
- 1 **TEST ON PART II**

PART III: INTERPRETATION

- NOV** 3 Ethnoarchaeology and Experimental Archaeology
 Read 10: Obsessed with Old Technology (Stieber 2000)
- 6 Space and Social Organization
 Read 11: Explaining the Phenomenon of Cahokia (Carlton 2007);
 The Beginnings of Urbanism? (Caba 2011)
 Assigned: Exercise 5
- 8 How Can Archaeologists Recover Religion?
 Read 12: The World in a Whelk Shell (Robbins 2005);
 A New Archaeological Tradition (Vestel 2003).
- SEAC** 10 Watch movie on your own: *WPA Archaeology: Legacy of an Era*
 (24:37) Kentucky Heritage Council 2002. Find link on Bb under Assignments.
 <http://www.archaeologychannel.org/video-guide/video-guide/video-guide-summary/125-wpa-archaeology-legacy-of-an-era>
 Read 13: The Hero Twins in the Mimbres Region (Thompson et al. 2014);
 Puebloan Polychrome (Zimmerman 2013).
- 13 Archaeological Theory
 Quiz 7 on material through Nov. 10 (including movie)
- 15 Archaeological Theory
 Assigned: Exercise 6
- 17 Legislation
 Read 14: Fighting Archaeological Crime. (Toner 2012).
- 20 Legislation
 Read: The World Wide Web of Antiquities (Robbins 2004)
 DUE: Exercise 5
- 22-24 **THANKSGIVING BREAK**
- 27 Legislation
 Read 15: Changing Times (Toner 2009);
 The 920-Mile Dig (Toner 2008)
- 29 History of American Archaeology to 1914
 Read 16: Riverboat Archaeologist (Stewart 2002)
 Quiz 8 on material through Nov. 27
- DEC** 1 History of American Archaeology to 1960
 Read 17: A New Deal for Archaeology (Malakoff 2008);
 Old Site, New Information (Grant 2003)
 DUE: Exercise 6

- DEC**
- 4 History of American Archaeology since 1960
Read 18: History in the Trenches (Crisell 1999);
Preserving America's Antiquities (Cooper 2003)
 - 6 Archaeology Today
Read 19: A Curation Crisis (Traver 2001); NAGPRA at 20 (Toner 2010)
Read 20: Careers in Archaeology (Henderson and Laracuent 2011)
 - 8 Game Show Review for final examination

<p style="text-align: center;">Final Comprehensive Examination Friday, December 15, 12:30-3:00 pm our classroom</p>
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ANTH 319 Principles of Archaeology
Fall 2017 Reading List

Read the assignment BEFORE class on the date indicated. All reading assignments are from the journal *American Archaeology* unless marked otherwise. Links to the readings are posted on Blackboard under Assignments. Answer questions about numbered readings on Blackboard under Assignments to earn up to 30 points. Questions go offline at the start of the class for which the reading is due. Earn extra credit by completing all 20 reading quizzes!

- Aug. 28 A Real Archaeological Experience. Dan Drolette 2006 10(1):32-36.
- Aug. 30 Taking on a Texas-Sized Project. Richard A. Marini 2010 14(4):38-43;
Life Back Then. Mike Toner 2014 18(3):20-25.
- 1. Sept. 1 Revolutionizing American Archaeology. Tamara Stewart 2009 13(2):34-36.
- 2. Sept. 8 A Grand Tradition of Mound Building. Kristin Ohlson 2008 12(1):32-38.
- 3. Sept. 15 A Date in Time. Brian Fagan 1998 2(2):18-22.
- 4. Sept. 22 Remote Sensing Emerges. Betsy Marsh 2002 6(1):27-32.
- 5. Oct. 13 Learning About a Prehistoric Quarry. Paul Gardner 2005 9(3):45.
Prehistoric Jasper Quarry Yields New Information. Andy Stout 2005 9(3):47.
- 6. Oct. 18 Overview of Paleoethnobotany in Eastern North America. Gail E. Wagner
2000 <http://gailewagner.weebly.com/overview-of-paleoethnobotany-of-eastern-north-america.html>
- 7. Oct. 23 Waterlogged Wonders. Douglas Gantenbein 2007-2008 11(4):12-19.
- 8. Oct. 25 Shelter from the Prehistoric Storm. Kurt Repanshek 2007 11(1):26-31.
Where the Prehistoric Buffalo Roamed. Mike Toner 2013 17(1):39-43.

9. Oct. 27 Tracking Prehistoric Human Migration in Mesoamerica. Tamara Stewart 2004 8(4):11;
Dead Men Do Tell Tales. Blake Edgar 1999 3(3):11-17;
A Picture of Ancient Life and Death. Kristin Ohlson 2007 11(4):28-33.
10. Nov. 3 Obsessed with Old Technology. Tamar Stieber 2000 4(2):19-25.
11. Nov. 6 Explaining the Phenomenon of Cahokia. John Carlton 2007 11(1):12-18.
The Beginnings of Urbanism? Susan Caba 2011 15(1):12-18.
12. Nov. 8 The World in a Whelk Shell. Elaine Robbins 2005 9(3):19-24.
A New Archaeological Tradition. Leora Broydo Vestel 2003 7(1):39-43.
13. Nov. 10 The Hero Twins in the Mimbres Region. Mark Thompson, Patricia A. Gilman,
and Kristina C. Wyckoff 2014. 18(2):38-43.
Puebloan Polychrome. Nancy Zimmerman 2013 17(1):20-25.
14. Nov. 17 Fighting Archaeological Crime. Mike Toner 2012 16(3):18-23.
- Nov. 20 The World Wide Web of Antiquities. Elaine Robbins 2004 8(3):27-30.
15. Nov. 27 Changing Times. Mike Toner 2009 13(2):28-33.
The 920-Mile Dig. Mike Toner 2008 12(3):12-19.
16. Nov. 29 Riverboat Archaeologist. Tamara Stewart 2002 6(4):41-43.
17. Dec. 1 A New Deal for Archaeology. David Malakoff 2008 12(3):38-43.
Old Site, New Information. Nancy S. Grant 2003 7(3):26-32.
18. Dec. 4 History in the Trenches. Rob Crisell 1999 3(3):26-32.
Preserving America's Antiquities. Andrea Cooper 2003 7(2):39-43.
19. Dec. 6 A Curation Crisis. Nancy Traver 2001 5(4):28-34.
NAGPRA at 20. Mike Toner 2010 14(4):25-31.
20. Dec. 6 Careers in Archaeology. in *SAA Archaeological Record* 2011 11(2)
Special Forum: Careers in Archaeology, edited by Gwynn Henderson and
Nicholas R. Laracuate. Read the Foreword (pp. 5-6), Afterword (pp. 41-43)
and specified two of the autobiographies.

<http://onlinedigeditions.com/publication/?i=65152>

If you found these of interest, not required, but you can find additional personal stories about balancing a career and family life in the 2012 12(5) and 2017 17(3) issues.