

 FLORIDA ATLANTIC UNIVERSITY	NEW COURSE PROPOSAL Graduate Programs		UGPC Approval _____ UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner Posted _____ Catalog _____
	Department Anthropology College Arts and Letters <i>(To obtain a course number, contact erudolph@fau.edu)</i>		
Prefix ANG Number 6199	<i>(L = Lab Course; C = Combined Lecture/Lab; add if appropriate)</i> Lab Code	Type of Course <input type="text" value="Lecture"/>	Course Title Research Methods in Archaeology
Credits <i>(Review Provost Memorandum)</i> 3	Grading <i>(Select One Option)</i> Regular <input checked="" type="radio"/> Sat/UnSat <input type="radio"/>	Course Description <i>(Syllabus must be attached; see Guidelines)</i> This course provides graduate students with a review of archaeological methods to assist them in conceiving and planning research projects. Methods are placed in context through discussion of scientific research design and theory in archaeology	
Effective Date <i>(TERM & YEAR)</i> Fall 2020	Prerequisites		Corequisites
		Registration Controls <i>(Major, College, Level)</i> Graduate student standing	
Prerequisites, Corequisites and Registration Controls are enforced for all sections of course			
Minimum qualifications needed to teach course: Member of the FAU graduate faculty and has a terminal degree in the subject area (or a closely related field.)		List textbook information in syllabus or here See syllabus	
Faculty Contact/Email/Phone Michael Harris/mharris/73233		List/Attach comments from departments affected by new course NA	

Approved by Department Chair <u>Michael S. Harris</u> College Curriculum Chair <u></u> College Dean <u></u> UGPC Chair _____ UGC Chair _____ Graduate College Dean _____ UFS President _____ Provost _____	Digitally signed by Michael S. Harris DN: cn=Michael S. Harris, o=FAU, ou=Anthropology, email=mharris@fau.edu, c=US Date: 2019.06.04 14:04:49 -0400 Date <u>7/9/19</u> <u>7/9/19</u> <u>7/9/19</u> _____ _____ _____ _____
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Email this form and syllabus to UGPC@fau.edu one week before the UGPC meeting.

GRADUATE COLLEGE

JUL 09 2019

Received

Research Methods in Archaeology

ANG 6199, 3 credit hours, Spring 2020, CRN XXXX

Professor Clifford T. Brown, Department of Anthropology, Florida Atlantic University, Boca Raton, Florida

Time: Tuesdays and Thursdays 8:00-9:20 am

Place: Room SO190, Boca Raton Campus

Contact information: Office: SO172, Telephone number: (561) 297-3232, Email: ctbrown@fau.edu

Web site: <http://www.fau.edu/~ctbrown>, Office hours: 9:20 am-12:00 pm Tuesdays and Thursdays, and by appointment.

Catalog Description: This course provides graduate students with a review of archaeological methods to assist them in conceiving and planning research projects. Methods are placed in context through discussion of scientific research design and theory in archaeology, which influences what methods are chosen, including field methods, analytical methods, and laboratory methods. The course is required for the Master's degree in Anthropology for students concentrating in archaeology.

Objectives: The principal goal of this course is to contribute to the intellectual and professional development of archaeology students by providing a practical introduction to archaeological research methods, focusing on what archaeologists actually do, in the field and in the laboratory, to learn about ancient societies. We will consider how scientific research design influences methods and techniques, and how research design is influenced by archaeological theory. We will study the methods used to examine the human experience in the past, including field methods, analytical methods, and laboratory methods. Additional goals of the course include encouraging critical thinking and developing writing skills. By the end of the course, students should be able to conceptualize and design an archaeological research project including the selection of appropriate methods.

Prerequisites and/or co-requisites: None.

Instructional Method: In person, classroom instruction.

Textbooks and other readings:

Peregrine, Peter N. (2001). *Archaeological Research: A Brief Introduction*. Prentice Hall: Upper Saddle River, New Jersey. ISBN 0-13-081127-0. (current edition) [Abbreviated "Peregrine" below]

Peregrine, Peter N., Carol R. Ember, and Melvin Ember (eds.) (2002). *Archaeology: Original Readings in Method and Practice*. Prentice Hall: Upper Saddle River, New Jersey. ISBN 0-13-093978-1. [Abbreviated "PE&E" below]

Banning, Edward B. (2000). *The Archaeologist's Laboratory: The Analysis of Archaeological Data*. New York: Kluwer Academic/Plenum Publishers. [Abbreviated "Banning" below] *This book is available electronically as an e-book through the FAU Library web site.*

Other required readings may be assigned during the course.

Disability policy statement. In compliance with the Americans with Disabilities Act (ADA), students who require special accommodation due to a disability to properly execute coursework must register with Student Accessibility Services (SAS) and follow all SAS procedures. SAS has offices across three of FAU's campuses – Boca Raton, Davie and Jupiter – however disability services are available for students on all campuses.

Counseling and Psychological Services (CAPS) Center. Life as a university student can be challenging physically, mentally and emotionally. Students who find stress negatively affecting their ability to achieve academic or personal goals may wish to consider utilizing FAU's Counseling and Psychological Services (CAPS) Center. CAPS provides FAU students a range of services – individual counseling, support meetings, and psychiatric services, to name a few – offered to help improve and maintain emotional well-being. For more information, go to <http://www.fau.edu/counseling/>.

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Policies: Class attendance is mandatory and counts toward your grade. You should attend the lectures because I use them to share with you significant information that does not appear in the texts. My lectures will also highlight the most important ideas for you. Classes are also your best opportunities to ask questions. Poor attendance will affect your grade. Please come to class prepared to discuss the readings and ask questions. I reserve the right to reduce grades because of absences. I may make exceptions, at my discretion, in individual cases for reasonable cause if you contact me in advance. I will not penalize you, of course, for officially excused or legally permitted absences, but you are responsible for arranging to make up work missed because of legitimate class absence, such as illness, family emergencies, military obligation, court-imposed legal obligations or participation in University-approved activities. Examples of University-approved reasons for absences include participating on an athletic or scholastic team, musical and theatrical performances, debate activities, and religious observances. It is the student's responsibility to give the instructor notice prior to any anticipated absences and within a reasonable amount of time after an unanticipated absence, ordinarily by the next scheduled class meeting. If you are absent for a University-approved reason, I will afford you the opportunity to make up work missed without any reduction in your final course grade as a direct result of such absence.

The grades of papers turned in late may be reduced. Make-up exams for missed tests will not normally be given except in exceptional circumstances that can be clearly documented. Incomplete ("I") grades are reserved for students who are passing a course but have not completed all the required work because of exceptional circumstances.

Please arrive on time. Entering late distracts the whole class. If you must arrive late, please enter unobtrusively.

University policy on the use of electronic devices states that "In order to enhance and maintain a productive atmosphere for education, personal communication devices, such as cellular telephones and pagers, are to be disabled in class sessions." So, no texting or cell phone calls, please.

Use the *American Antiquity* style guide for formatting citations and references in written assignments. It is available at the journal web site (<http://www.saa.org>). Please feel free to contact me for help in using references in your papers. To avoid plagiarism, all factual statements in your papers should normally have citations indicating their sources.

Code of Academic Integrity policy statement. Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see University Regulation 4.001.

Assignments: The main written assignment consists of a 10-20 page paper describing a plausible, original archaeological research design. The paper shall include:

1. The statement of an archaeological problem to be addressed;
2. theoretical justification warranting the significance of the problem;
3. the hypotheses and their test implications designed to address the problem;
4. the field, laboratory, and analytical methods and techniques to be used to acquire the data to test the hypotheses, including a discussion of each method or technique proposed that justifies its choice as necessary and sufficient; and,
5. if appropriate, the statistical approaches and tests to be performed to test the hypotheses.

Use the *American Antiquity* style guide for *formatting citations and references* in written assignments. It is available at the journal web site (<http://www.saa.org>). Please feel free to contact me for help in using references in your papers. To avoid plagiarism, all factual statements in your papers should normally have citations indicating their sources (see the Code of Academic Integrity statement above). There will also be midterm and final exams and a number of homework assignments (which include the required readings for the course).

Grading: The paper and each exam will be worth 33.3% of the final grade. I will use the normal university letter grading scale, i.e., A, A-, B+, B, B-, C+, C, C-, D+, D, D-, and F.

A	93-100
A-	90-92.9
B+	87.5-89.9
B	82.5-87.4
B-	80-82.4
C+	77.5-79.9
C	72.5-77.4
C-	70-72.4
D+	67.5-69.9
D	62.5-67.4
D-	60-62.4
F	< 59.9

Course outline and reading assignments:

- Week of 1/8: Archaeological Research Design. Definition of archaeology. Philosophy of science and how archaeology is done; the influence of archaeological theory on research design and problem formulation. Peregrine: Preface and Chapters 1 and 2. Banning: Chapters 1 and 4.
- Week of 1/15: Measurement, Sampling, and Statistics. What kinds of data exist and how are they collected? How do you analyze different classes of data? What statistics are used? How do you take samples in archaeology, of regions, of sites, of artifacts? Peregrine Chapter 3. Banning: Chapter 2. Idea for paper due.
- Week of 1/22: Survey. How do you find sites? Do sites really exist? Peregrine Chapter 4; PE&E, Chapter 1.
- Week of 1/29 Geoarchaeology: What is it? How do geology and geomorphology affect archaeological sites and practice? Required Banning: Chapter 12. Outline and paper and preliminary bibliography due.
- Week of 2/5: Excavation. Peregrine: Chapters 5 & 6.
- Week of 2/12: Spatial Analysis: Peregrine Chapter 7.
- Week of 2/19: Artifact Analysis: Conservation and laboratory methods in general. Washing, labeling, data collection, data processing, and curation. Banning: Chapter 7. Midterm exam.
- Week of 2/26: Ceramic Analysis: Peregrine Chapter 8, PE&E Chapter 5, Banning: Chapter 9.
- Week of 3/5: Spring Break-No class
- Week of 3/12: Lithic Analysis: Peregrine Chapter 9, PE&E Chapter 4, Banning Chapter 8.
- Week of 3/19: Paleoethnobotany: Peregrine Chapter 10, PE&E Chapter 6, Banning Chapter 11.

- Read blog post: <http://arf.berkeley.edu/then-dig/2015/06/the-scene-of-disciplined-seeing/>
- Week of 3/26: Zooarchaeology and Bioarchaeology: PE&E Chapters 7, 8 & 12, Banning Chapter 10.
- Week of 4/2: Dating: Peregrine Chapter 11, PE&E Chapter 2, Banning Chapters 13, 14, & 15.
- Week of 4/9: Dating.
- Week of 4/16: Course summary. Review for final. Papers due at last regularly scheduled class (Thursday, 4/19)

Final exam date and location: Tuesday, May 1, 7:45-10:15 am, SO 190.

Disclaimer: This syllabus is not a contract. It does not create or confer any right, benefit, or responsibility, substantive or procedural, enforceable at law by any party against FAU or the Instructor. The syllabus is subject to change without notice. It is intended only to assist in the internal management of the class.