# ANT4930/ANG6930: R for Archaeological Data Analysis and Visualization Fall 2021

Instructor: Dr. Daniel Contreras T 9:35a - 10:25a Th 9:35a - 11:30a

**1208H TUR** 

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Office Hours: W 1:00p -3:00p and by appt

### Course Description:

This course introduces students to the basic quantitative methods required to describe and analyze archaeological data. Each week, students will be introduced to a new statistical technique and asked to use that technique in order to solve a small research problem. Because many of the research challenges archaeologists face have to do with acquiring and managing data (especially legacy data) and then using it in argumentation, this course will emphasize not only statistical methods, but also 1) how to construct and critically evaluate arguments grounded in quantitative data, and 2) how to explore, analyze, and display data in the open-source R statistical environment.

### Course structure:

This course combines lectures, discussions, and problem sets in a hybrid seminar-lab format to facilitate peer instruction and hands-on learning. Each week will be broken into three sections. The first section (Tues 9:35a-10:25p) will follow a seminar format during which time a designated lead student will facilitate discussion of the previous week's assignment. In the second section (Th 9:35a-10:30a), the instructor will review a new technique through lecture and demonstration. During the third section (Th 10:30a-11:30p), students will be given time to begin applying the new technique to solve the lab assignments, in consultation with one another and the instructor.

You are not required to bring a laptop to class, but it is *strongly* recommended in order to work through demonstrations and labs with your peers and the instructor. If this presents a challenge for you, please see me as soon as practical so that we can come up with a solution.

### Participation:

All students must participate in weekly discussions (**10%** of final grade). Participation includes attendance, active listening, and constructive contributions to discussion.

### **Problem Sets:**

All students enrolled in the course must complete *all* of the assigned problem sets (**30**% of final grade). Problem sets are due the Tuesday after they are assigned and must be uploaded to Canvas *before the start of class* on the day that they are due.

Problem set will be graded both on the completion of the necessary analyses and on the quality of the associated argument. Problem sets will generally emphasize questions rather than methods, and your answers should employ methods to address questions, rather than simply demonstrating methodological competence. You should strive to be clear about what procedures you have used, what the results demonstrate, and what you conclude. Drennan models this in the text and prompts you in the problem sets; see also Kintigh 2005 and Cowgill 2005.

All students are expected to complete their problem sets in R using the KnitR package to generate .pdf reports. Students will learn how to use KnitR in class and can also consult the online modules here: <a href="mailto:rmarkdown.rstudio.com/lesson-1">rmarkdown.rstudio.com/lesson-1</a>. This is itself an important skill because clear reporting facilitates reproducible

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research that can be easily shared and disseminated. In addition to completing the problem sets, students must be prepared to share their findings in class.

<u>Note</u>: All students are invited, for any problem set, to instead use their own data and address their own questions, in which case a brief statement (½ page maximum), explaining which data are used and how they are analogous to the assigned problem set, should accompany the assignment.

#### **Facilitation:**

Graduate students must facilitate a proportional share of the class discussions reporting on lab assignments (based on the total number of enrolled students; **20%** of final grade). In addition to walking everyone through their solution to the assigned problem set (focusing more on the quantitative logic [Drennan] than the R implementation [Phillips]), the facilitator should emphasize how the application of this particular statistical technique solved the specific research problem at hand, as well as outlining the limitations and appropriate uses such analysis. Relating this to your own research or adding analogous examples related to your own interests is encouraged but not required.

### Office hours:

You are welcome in my office hours either individually or in groups, and may use that time either to ask specific questions or simply to work with the benefit of someone available to help you through roadblocks. You are in no way required to come, but please note that this should be considered part of the education available to you, not a last resort.

### Term Project:

All students must complete a term project (in three parts throughout the semester, combining for 40% of final grade). The project should address a clearly formulated question using original analyses based on the skills learned in class. Students must formulate a research question by Week 6 (13 Feb; 5% of course grade), identify the data and analyses needed to answer the question by Week 12 (26 Mar; 10% of course grade), and submit draft text of the content of their poster in Week 15 (16 Apr, 5% of course grade). Final projects will take the form of a poster, due in a final course poster session (date and time TBD) and comprising 20% of your course grade.

# Readings:

### **Required Texts:**

- Drennan, Robert D. Statistics for Archaeologists: A Common Sense Approach (2nd Edition), Springer. ISBN 978-1-4419-0413-3
  - You may use a print or digital version of this text (available in the University Bookstore and elsewhere), but it must be the 2<sup>nd</sup> edition and reading assignments will reference page numbers from the print edition.
- Neillips, Nathaniel D. YaRrr! The Pirate's Guide to R. https://ndphillips.github.io/piratesguide.html
  - Freely available online, both as an online book and as a .pdf download. Reading assignments reference the Table of Contents in the online version (<a href="https://bookdown.org/ndphillips/YaRrr/">https://bookdown.org/ndphillips/YaRrr/</a>).

### Supplementary Readings:

- Additional readings, when noted in the syllabus, will be available on Canvas or at the URL listed.
- For each chapter of Drennan, notes on implementation in R will be available on Canvas.
  - I highly recommend re-typing this code yourself so that you really understand what it's doing and how - rather than simply copying-and-pasting. You should also make extensive use of the '?' operator in R, which you can always use to decipher what inputs a function requires, what its defaults are, and what it does.
- Data for problem sets (when necessary) will be provided on Canvas.
- You will also find any number of other guides to using R available online. None of them are strictly necessary for this course, but all of them are your friends.

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### **Required Software:**

- R (https://cran.r-project.org/)
- R Studio (https://www.rstudio.com/products/rstudio/)
  - Both R and R Studio are free and open-source, and available for Mac OSX, Windows, and Linux.
- Tabula (https://tabula.technology/)
  - Tabula is also free and open-source, and available for Mac OSX, Windows, and Linux. We will not use it much in this course, but being familiar with it is extremely useful.

See Phillips (2017) §2.1 for installation instructions for R and R Studio.

Readings should be completed *in preparation for* the Thursday class in the week that they are listed. Problem sets should be completed *in preparation for* the Tuesday class in the week that they are listed (they relate to the readings from the previous week).

### Data:

Data required for problem sets will be available on Canvas or in the archdata R library.

Students are encouraged to use data related to their research for their final project; if your research has not (yet) produced appropriate data, then you should start looking for data for your project *early* in the semester (this might involve published or unpublished data; consult with the instructor if you don't know where/how to look).

### **Course Goals:**

Students will gain basic understanding of common statistical methods, develop the tools to be critical consumers of published archaeological data analyses, and learn how to explore, visualize, and analyze their own data. Students will also become comfortable with manipulating data and de-mystify quantitative analyses.

### Course Policies:

- <u>Late/Missed Assignments</u>:
  - Late problem sets will not be accepted unless you have missed class (with an excused absence) that week.
  - Grades on components of your final project will be reduced by 10% for each day late.
     Extensions may be granted in case of particular need, but *must* be requested and approved in advance.
- Digital Devices:
  - You will be using a laptop regularly in this course. You are expected to resist the temptation to use it for anything other than course purposes during class-time.

## **Grading:**

Grades in this course will be based on:

- Participation (10%)
- Problem Sets (30%)
- Facilitation (20%) [for undergraduates another 10% is allocated to problem sets and 10% to final project (5% to draft text and 5% to poster)]
- Final Project (40%): Proposal (5%), Data and Analysis (10%), Draft Text (5%), and Poster (20%)

Grading scale:

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•	93-100%	Α	•	80-83%	B-	•	67-70%	D+
•	90-93%	A-	•	77-80%	C+	•	63-67%	D
•	87-90%	B+	•	73-77%	C	•	60-63%	D-
•	83-87%	В	•	70-73%	C-	•	< 60%	Е

# Course Schedule:

Week	Dates	Topic(s)	Assignment
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1	24/26	Introduction: Data	Reading [26 Aug]: Phillips §1.3 – 1.5, §2, §3.1 – 3.2;
	Aug	Analysis, R, and You	Drennan Ch. 1; Cowgill 2001; Orton 1999
	31 Aug / 2 Sept	Batches of Numbers	Reading / Problem Set (31 Aug): Drennan Ch.2 & 3; Phillips
2		/ Comparing Batches	§4 – 6 / Phillips §4.5, § 5.4, § 6.6, Drennan Ch.1 Practice,
_		and Distributions	Ch.2 Practice, & Ch.3 Practice
			Reading (2 Sept): Drennan Ch.4 & 5; Phillips §7
	7/9 Sept	Categorical Data	Problem Set (7 Sept): Phillips §7.4; Drennan Ch. 4 Practice
3			& Ch.5 Practice
			Reading (9 Sept): Drennan Ch. 6; Baxter 1995; Kintigh 2005;
			Cowgill 2005
4	14/16	Samples and Populations	Problem Set (14 Sept): Phillips §8.7; Drennan Ch.6 Practice
	Sept		Reading (16 Sept): Drennan Ch.7 & 8; Phillips §8, 9, 10
_	21/23 Sept	Confidence and Population Means	Problem Set (21 Sept): Phillips §9.9 & §10.6; Drennan Ch.7
5			Practice
			Reading (23 Sept): Drennan Ch.9; Phillips §11
	28/30 Sept	Medians, Resampling, and Proportions	Problem Set (28 Sept): Phillips §11.10; Drennan Ch.9
6			Practice
0			Reading (30 Sept): Drennan Ch.10 & 11; Cleveland 1994:4- 21
			*Final Project Proposal Due (1 Oct)*
	5/7	Comparing Two	*Final Project Proposal Due (1 Oct)*  Problem Set (5 Oct): Dranger Ch 10 & 11 Practice
7	5/7 Oct	Comparing Two	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice
7	5/7 Oct	Comparing Two Sample Means	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice Reading (7 Oct): Drennan Ch.12; Phillips §12, 13.1 - 13.3
	,	Sample Means  Comparing >2	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice Reading (7 Oct): Drennan Ch.12; Phillips §12, 13.1 - 13.3  Problem Set (12 Oct): Drennan Ch.12 Practice
7 8	Óct	Sample Means	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice Reading (7 Oct): Drennan Ch.12; Phillips §12, 13.1 - 13.3  Problem Set (12 Oct): Drennan Ch.12 Practice Reading (14 Oct): Drennan Ch.13; Phillips §14; Cowgill
	Oct 12/14 Oct	Sample Means  Comparing >2 Sample Means	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice Reading (7 Oct): Drennan Ch.12; Phillips §12, 13.1 - 13.3  Problem Set (12 Oct): Drennan Ch.12 Practice Reading (14 Oct): Drennan Ch.13; Phillips §14; Cowgill 1977; Amrhein et al. 2019; Wasserstein et al. 2019 (skim)
	Oct 12/14 Oct 19/21	Sample Means  Comparing >2 Sample Means  Comparing	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice Reading (7 Oct): Drennan Ch.12; Phillips §12, 13.1 - 13.3  Problem Set (12 Oct): Drennan Ch.12 Practice Reading (14 Oct): Drennan Ch.13; Phillips §14; Cowgill 1977; Amrhein et al. 2019; Wasserstein et al. 2019 (skim) Problem Set (19 Oct): Phillips §13.6 Q1 & Q4; Drennan
8	Oct 12/14 Oct	Sample Means  Comparing >2 Sample Means	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice Reading (7 Oct): Drennan Ch.12; Phillips §12, 13.1 - 13.3  Problem Set (12 Oct): Drennan Ch.12 Practice Reading (14 Oct): Drennan Ch.13; Phillips §14; Cowgill 1977; Amrhein et al. 2019; Wasserstein et al. 2019 (skim)  Problem Set (19 Oct): Phillips §13.6 Q1 & Q4; Drennan Ch.13 Practice
8	Oct 12/14 Oct 19/21 Oct	Sample Means  Comparing >2 Sample Means  Comparing	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice Reading (7 Oct): Drennan Ch.12; Phillips §12, 13.1 - 13.3  Problem Set (12 Oct): Drennan Ch.12 Practice Reading (14 Oct): Drennan Ch.13; Phillips §14; Cowgill 1977; Amrhein et al. 2019; Wasserstein et al. 2019 (skim)  Problem Set (19 Oct): Phillips §13.6 Q1 & Q4; Drennan Ch.13 Practice Reading (21 Oct): Drennan Ch.14; Phillips §13.5
8	Oct 12/14 Oct 19/21 Oct 26/28	Sample Means  Comparing >2 Sample Means  Comparing	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice Reading (7 Oct): Drennan Ch.12; Phillips §12, 13.1 - 13.3  Problem Set (12 Oct): Drennan Ch.12 Practice Reading (14 Oct): Drennan Ch.13; Phillips §14; Cowgill 1977; Amrhein et al. 2019; Wasserstein et al. 2019 (skim)  Problem Set (19 Oct): Phillips §13.6 Q1 & Q4; Drennan Ch.13 Practice
8	Oct 12/14 Oct 19/21 Oct	Sample Means  Comparing >2 Sample Means  Comparing Proportions	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice Reading (7 Oct): Drennan Ch.12; Phillips §12, 13.1 - 13.3  Problem Set (12 Oct): Drennan Ch.12 Practice Reading (14 Oct): Drennan Ch.13; Phillips §14; Cowgill 1977; Amrhein et al. 2019; Wasserstein et al. 2019 (skim) Problem Set (19 Oct): Phillips §13.6 Q1 & Q4; Drennan Ch.13 Practice Reading (21 Oct): Drennan Ch.14; Phillips §13.5  Problem Set (26 Oct): Phillips §13.6 Q2, Q5, & Q6, §14.8; Drennan Ch.14 Practice
8	Oct 12/14 Oct 19/21 Oct 26/28 Oct	Sample Means  Comparing >2 Sample Means  Comparing Proportions	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice Reading (7 Oct): Drennan Ch.12; Phillips §12, 13.1 - 13.3  Problem Set (12 Oct): Drennan Ch.12 Practice Reading (14 Oct): Drennan Ch.13; Phillips §14; Cowgill 1977; Amrhein et al. 2019; Wasserstein et al. 2019 (skim)  Problem Set (19 Oct): Phillips §13.6 Q1 & Q4; Drennan Ch.13 Practice Reading (21 Oct): Drennan Ch.14; Phillips §13.5  Problem Set (26 Oct): Phillips §13.6 Q2, Q5, & Q6, §14.8; Drennan Ch.14 Practice Reading (28 Oct): Drennan Ch.15; Phillips §15
8	Oct 12/14 Oct 19/21 Oct 26/28 Oct 2/4	Sample Means  Comparing >2 Sample Means  Comparing Proportions	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice Reading (7 Oct): Drennan Ch.12; Phillips §12, 13.1 - 13.3  Problem Set (12 Oct): Drennan Ch.12 Practice Reading (14 Oct): Drennan Ch.13; Phillips §14; Cowgill 1977; Amrhein et al. 2019; Wasserstein et al. 2019 (skim) Problem Set (19 Oct): Phillips §13.6 Q1 & Q4; Drennan Ch.13 Practice Reading (21 Oct): Drennan Ch.14; Phillips §13.5  Problem Set (26 Oct): Phillips §13.6 Q2, Q5, & Q6, §14.8; Drennan Ch.14 Practice
9	Oct 12/14 Oct 19/21 Oct 26/28 Oct	Sample Means  Comparing >2 Sample Means  Comparing Proportions  Relating Variables	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice Reading (7 Oct): Drennan Ch.12; Phillips §12, 13.1 - 13.3  Problem Set (12 Oct): Drennan Ch.12 Practice Reading (14 Oct): Drennan Ch.13; Phillips §14; Cowgill 1977; Amrhein et al. 2019; Wasserstein et al. 2019 (skim)  Problem Set (19 Oct): Phillips §13.6 Q1 & Q4; Drennan Ch.13 Practice Reading (21 Oct): Drennan Ch.14; Phillips §13.5  Problem Set (26 Oct): Phillips §13.6 Q2, Q5, & Q6, §14.8; Drennan Ch.14 Practice Reading (28 Oct): Drennan Ch.15; Phillips §15  Problem Set (2 Nov): Drennan Ch.15 Practice; Phillips 15.6
8 9 10	Oct 12/14 Oct 19/21 Oct 26/28 Oct 2/4	Sample Means  Comparing >2 Sample Means  Comparing Proportions  Relating Variables	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice Reading (7 Oct): Drennan Ch.12; Phillips §12, 13.1 - 13.3  Problem Set (12 Oct): Drennan Ch.12 Practice Reading (14 Oct): Drennan Ch.13; Phillips §14; Cowgill 1977; Amrhein et al. 2019; Wasserstein et al. 2019 (skim)  Problem Set (19 Oct): Phillips §13.6 Q1 & Q4; Drennan Ch.13 Practice Reading (21 Oct): Drennan Ch.14; Phillips §13.5  Problem Set (26 Oct): Phillips §13.6 Q2, Q5, & Q6, §14.8; Drennan Ch.14 Practice Reading (28 Oct): Drennan Ch.15; Phillips §15  Problem Set (2 Nov): Drennan Ch.15 Practice; Phillips 15.6 Reading (4 Nov): Drennan Ch.17-20; Phillips §16
8 9 10	Oct 12/14 Oct 19/21 Oct 26/28 Oct 2/4 Nov	Sample Means  Comparing >2 Sample Means  Comparing Proportions  Relating Variables  More Sampling	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice Reading (7 Oct): Drennan Ch.12; Phillips §12, 13.1 - 13.3  Problem Set (12 Oct): Drennan Ch.12 Practice Reading (14 Oct): Drennan Ch.13; Phillips §14; Cowgill 1977; Amrhein et al. 2019; Wasserstein et al. 2019 (skim)  Problem Set (19 Oct): Phillips §13.6 Q1 & Q4; Drennan Ch.13 Practice Reading (21 Oct): Drennan Ch.14; Phillips §13.5  Problem Set (26 Oct): Phillips §13.6 Q2, Q5, & Q6, §14.8; Drennan Ch.14 Practice Reading (28 Oct): Drennan Ch.15; Phillips §15  Problem Set (2 Nov): Drennan Ch.15 Practice; Phillips 15.6 Reading (4 Nov): Drennan Ch.17-20; Phillips §16  *Final Project Data & Analyses Due (5 Nov)*
8 9 10	Oct 12/14 Oct 19/21 Oct 26/28 Oct 2/4	Sample Means  Comparing >2 Sample Means  Comparing Proportions  Relating Variables	Problem Set (5 Oct): Drennan Ch.10 & 11 Practice Reading (7 Oct): Drennan Ch.12; Phillips §12, 13.1 - 13.3  Problem Set (12 Oct): Drennan Ch.12 Practice Reading (14 Oct): Drennan Ch.13; Phillips §14; Cowgill 1977; Amrhein et al. 2019; Wasserstein et al. 2019 (skim)  Problem Set (19 Oct): Phillips §13.6 Q1 & Q4; Drennan Ch.13 Practice Reading (21 Oct): Drennan Ch.14; Phillips §13.5  Problem Set (26 Oct): Phillips §13.6 Q2, Q5, & Q6, §14.8; Drennan Ch.14 Practice Reading (28 Oct): Drennan Ch.15; Phillips §15  Problem Set (2 Nov): Drennan Ch.15 Practice; Phillips 15.6 Reading (4 Nov): Drennan Ch.17-20; Phillips §16  *Final Project Data & Analyses Due (5 Nov)*  Problem Set (9 Nov): Problem Set at end of notes/code for

13	16/18 Nov	Multivariate Analysis: Similarities between Cases / Cluster Analysis	Reading (16 Nov): Drennan Ch.21 & 22; Phillips §17 [optional] Problem Set (18 Nov): Problem Set at end of notes/code for Drennan Ch.22 Reading (18 Nov): Drennan Ch.25	
14	23 Nov	Bayesian Analysis	Reading (23 Nov): Otárola-Castillo & Torquato 2018; Homburg 2005; Purrington poster advice  25 Nov: No Class - Thanksgiving	
15	30 Nov / 2 Dec	Correspondence Analysis	Problem Set (30 Nov): Problem Set on Bayesian analysis; Phillips §17.6 Reading (2 Dec): Shennan 1997:308-341; Baxter & Cool 2010 *Final Project Draft Text Due (3 Dec)*	
16	7 Dec	CA (cont.)  Problem Set (7 Dec): Problem Set on Shennan Correpondence Analysis		
	9-16 Dec [TBD]	*Poster Session - Final Project Poster due* (TBD)		

# List of Supplementary Readings (available on Canvas):

- Amrhein, Valentin, Sander Greenland, and Blake McShane. 2019. Retire statistical significance. *Nature* 567:305-307.
- Baxter, M.J. 1995. My innate ontology may be insecure but I can spell 'cat'. Unpublished ms.
- Baxter, Michael J, and Hilary EM Cool. 2010 Correspondence Analysis in R for archaeologists: an educational account. *Archeologia* e *Calcolatori* 21: 211–228.
- Cleveland, William S. 1994. The Elements of Graphing Data. New Jersey: Hobart Press. pp.4-21.
- Cowgill, G.L. 1977. The Trouble with Significance Tests and What We Can Do about It *American Antiquity* 42:350–68.
- Cowgill, George L. 2001: Past, present and future of quantitative methods in United States archaeology. In Stancic, Z. and Veljanovski, T., (eds.), Computer Archaeology for Understanding the Past: CAA 2000. Oxford: Archaeopress, 35-40.
- Cowgill, G.L. 2005. Things to Remember About Statistics (Whatever Else You Forget) SAA Archaeological Record 5:35.
- Homburg, J.A. 2005. Tips for Improving the Quality of Your Poster Presentation *The SAA Archaeological Record* 5:22–23.
- Kintigh, K.W. 2005. Writing Archaeology: Analyses and Archaeological Argumentation *The SAA Archaeological Record* 5:33–35.
- Orton, Clive R. 1999: Plus ça change? 25 years of statistics in archaeology. In Dingwall, L., Exon, S., Gaffney, V., Laflin, S and van Leusen, M. (eds.), Archaeology in the Age of the Internet: CAA97. Oxford: Archaeopress, pp25-34.
- Shennan, Stephen 1997 Quantifying Archaeology. Edinburgh Univ Press, Edinburgh, pp308-341
- Wasserstein, Ronald L., Allen L. Schirm, and Nicole A. Lazar. 2019. Moving to a World Beyond "p < 0.05". The American Statistician 73: 1–19.

### Not assigned but recommended (mostly available on Canvas or at the listed URL):

- Baxter, Mike J. 2014. Landmark papers in quantitative archaeology a commentary. 1–16.
- Baxter, Mike J. 2015. Notes on Quantitative Archaeology and R.

- Baxter, Mike J, and Hilary E.M. Cool. 2016. Basic Statistical Graphics for Archaeology with R: Life Beyond Excel.
- Cool, Hilary EM, and Michael J Baxter. 1999 Peeling the onion: an approach to comparing vessel glass assemblages. *Journal of Roman Archaeology* 12: 72–100.
- Flannery, Kent V (editor) 1976. *The Early Mesoamerican Village*. Academic Press, New York. pp.131-136, 159-160.
- Marwick, Ben (editor). 2017. How To Do Archaeological Science Using R. https://benmarwick.github.io/How-To-Do-Archaeological-Science-Using-R/
- Orton, Clive. 2000. Sampling in Archaeology. Cambridge: Cambridge University Press.
- Otárola-Castillo, Erik, and Melissa G Torquato. 2018 Bayesian Statistics in Archaeology. *Annual Review of Anthropology* 47: 435–453.
- Shennan, Stephen. 1997. Quantifying Archaeology, 2nd Edition. Iowa City: University of Iowa Press.

### **University Policies:**

### Class in the time of Covid

We can expect that UF's approach to holding classes in face of an ongoing pandemic will evolve as dictated by the public health and political circumstances. In consequence there is no course policy surrounding Covid; rather we will also respond to circumstances as needed. As the semester begins, this entails

- an expectation of masking in class out of respect for one another,
- a recommendation that everyone get vaccinated in order to minimize both your own risk and the possibility that you will spread the virus to others, and
- flexibility with due dates in case that you are directly impacted by Covid (please discuss with me as needed).

In case anyone is withheld from campus or has reason to feel that risk of exposure in class is too high, you are welcome to discuss with me the possibility of participating in class remotely via hyflex.

#### Office hours

I will be in my office for office hours, but will also be accessible via Zoom during that time. If you visit in person, please wear a mask.

### Attendance Policy, Class Expectations, and Make-Up Policy

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at: catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/

### **Students Requiring Accommodations**

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, <a href="https://www.dso.ufl.edu/drc">https://www.dso.ufl.edu/drc</a>) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

### **Course Evaluation**

Students are expected to provide feedback on the quality of instruction in this course. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <a href="https://evaluations.ufl.edu/results/">ufl.edu/results/</a>. Summary results of these assessments are available to students at <a href="https://evaluations.ufl.edu/results/">https://evaluations.ufl.edu/results/</a>.

### **University Honesty Policy**

UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (<a href="https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/">https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/</a>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor.

### Campus Resources:

### Health and Wellness

**U Matter, We Care**: If you or someone you know is in distress, please contact umatter@ufl.edu, 352-392-1575, or visit <u>umatter.ufl.edu/</u> to refer or report a concern and a team member will reach out to the student in distress.

**Counseling and Wellness Center**: Visit <u>counseling.ufl.edu/</u> or call 352-392-1575 for information on crisis services as well as non-crisis services.

**Student Health Care Center**: Call 352-392-1161 for 24/7 information to help you find the care you need, or visit shcc.ufl.edu/.

**University Police Department**: Visit <u>police.ufl.edu/</u> or call 352-392-1111 (or 9-1-1 for emergencies). **UF Health Shands Emergency Room / Trauma Center**: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; <u>ufhealth.org/emergency-room-trauma-center</u>.

### Academic Resources

**E-learning technical support**: Contact the UF Computing Help Desk at 352-392-4357 or via e-mail athelpdesk@ufl.edu.

**Career Connections Center**: Reitz Union Suite 1300, 352-392-1601. Career assistance and counseling services career.ufl.edu/.

**Library Support**: <a href="mailto:cms.uflib.ufl.edu/ask">cms.uflib.ufl.edu/ask</a> various ways to receive assistance with respect to using the libraries or finding resources.

**Teaching Center:** Broward Hall, 352-392-2010 or to make an appointment 352-392-6420.

**General study skills and tutoring**: <u>teachingcenter.ufl.edu/</u> Writing Studio: 2215 Turlington Hall, 352-846-1138.

Help brainstorming, formatting, and writing papers: <u>writing.ufl.edu/writing-studio/</u> **Student Complaints**: <u>sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/</u>

### HB-233

In accord with the recent dictates of the Florida State Legislature (HB-233, currently being challenged in court), students are allowed to record video and/or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A "class lecture" is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To "publish" means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.