



# INTRODUCTION TO ARCHAEOLOGY

ARKY 201

Dr. Elizabeth Paris  
Department of Anthropology and Archaeology

FALL 2019

## COURSE DESCRIPTION

What is archaeology, exactly? The subject fascinates many people, but very few of us really know what archaeologists do and why they do it. This course offers a general overview of the ways in which archaeologists investigate ancient societies through the material remains they have left behind. Students will learn that archaeologists engage in detailed, systematic detective work aimed at answering a wide range of questions about human behavior. The course introduces students to the history of archaeology, the main goals of archaeological research, the basic techniques of excavation, site survey, and artifact analysis, as well as the famous discoveries and excavations that have broadened our knowledge about the human past. This course is a prerequisite for many advanced courses in the Archaeology major and minor.

This course is not a survey of past cultures! That course is ARKY 205: Ancient Peoples and Places.

## WHAT WILL YOU LEARN?

By the end of this course, students should be able to:

- ❖ Grasp the historical development of the field of archaeology, as well as the range of theoretical approaches and methods used in archaeology today.
- ❖ Apply archaeological methods, techniques and concepts through lab exercises.
- ❖ Understand the archaeological research process, from the conceptualization of archaeological research questions to the dissemination of findings.
- ❖ Knowledgeably debate ethical issues in contemporary archaeology.

**Lectures:** MWF 10:00 AM-10:50 PM, MFH 160

**Labs:** ES 851; check your course schedule for your lab section meeting time.

**Office:** ES 818

**Office Hours:** M 11:00 AM-12:15 PM in ES 859 and by appointment

**EMAIL:** [ELIZABETH.PARIS@UCALGARY.CA](mailto:ELIZABETH.PARIS@UCALGARY.CA)

### Teaching Assistants:

Alyssa Haggard (Head TA)

Joshuah Lockett

Aloyce Mwambwiga

Megan Williams

Any emailed questions should be first directed to your TA, and will be referred to the instructor as necessary. Please expect 48 hours for a response. If more than 48 hours have passed with no reply, check the email address and re-send. Please use your UCalgary email address for course business.

## REQUIRED READINGS

Course textbook:

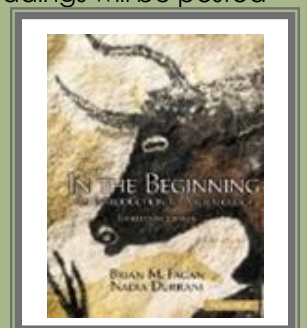
Fagan, Brian and Nadia Durrani

2014 *In the Beginning: An Introduction to Archaeology*, 13<sup>th</sup> edition. Pearson: Boston.

Links to other articles and readings will be posted on D2L.

All readings are required!

Please check the schedule below for readings and due dates.



## COURSE STRUCTURE

Grades will be based on the following course activities. Marks for each activity will be converted into a percentage of the total course grade according to the following rubric. No particular course component must be passed to pass the course as a whole.

15%	Exam 1	Oct. 4
15%	Exam 2	Nov. 4
20%	Final Exam	TBA, registrar-scheduled exam
10%	Participation (via TopHat and HSIBJ fieldtrip)	Daily
40%	Lab grade	Determined by your TA

In this class, grades are assigned according to the following chart.

Percentages	Letter grade	Interpretation
97-100%	A+	<i>The A range denotes excellent performance.</i>
90-96%	A	
86-89%	A-	
82-85%	B+	<i>The B range denotes good performance.</i>
78-81%	B	
74-77%	B-	
70-73%	C+	<i>The C range denotes satisfactory performance.</i>
66-69%	C	
62-65%	C-	
56-61%	D+	<i>The D range denotes unsatisfactory performance.</i>
50-55%	D	
<50%	F	<i>An F denotes failing performance.</i>

## COURSE FEES

A supplementary fee is assessed to cover the additional costs associated with this course.

## FIELD TRIP

A Saturday field trip (TBA) is planned to Head-Smashed-In Buffalo Jump. All are expected to attend, and attendance will count towards course participation. You should pack a lunch, wear hiking boots or other boots you can walk in easily (depending on snow conditions), and bring WARM CLOTHING. Normally, we depart campus at 8 am and return by 5 pm.

## EVALUATION METHODS

### EXAMS (50%)

There will be two in-class mid-term exams, and a final exam (date and time will be determined by the registrar). All exams will be given in class, and will include material from the book, lectures, films, labs, and websites. Exams will be cumulative, although each exam will emphasize the material from the most recent course component. All exams will be closed-book exams, and are subject to Academic Misconduct policies (see below).

### PARTICIPATION (10%)

Ten percent of the final grade will include participation during in-class activities, as evaluated through the Top Hat interaction platform. Rather than requiring students to purchase traditional classroom response systems, or “clickers,” Top Hat leverages students’ own smartphones, tablets, laptops or even SMS-based cell phones. Top Hat will be used to conduct reading quizzes, pop quizzes, activities, discussions, and gauge student learning through polls and quick responses. Students can submit answers via text message or over WiFi. One calendar day’s absence will be waived in the final calculation of the final attendance/participation grade, but all others will be counted, with the exception of officially excused absences (e.g. medical emergencies and official university athletic competitions). Students are responsible for remembering to bring their own electronic devices to each course meeting. Depending on the nature of the activity, points will be assigned for participation and/or correct answers. The marks for all activities will be converted into a percentage, which will constitute 10% of all possible marks in the course. Participation in the Head-Smashed-In Buffalo Jump field trip will be included as part of the participation grade. Students may view their progress at any time via the Top Hat gradebook.

Participation activities may not be made up for credit, but may be assigned to review on Top Hat prior to the exam for study purposes.

#### LAB GRADE (40%)

There will be weekly activities on which you will be evaluated; these activities will vary from week to week. They will include four quizzes (5%) and a final project. The final project consists of a simulated archaeological excavation in the lab (5%) and a written report interpreting the results (15%). You will receive a separate Lab Syllabus in your individual lab section, as well as written instructions for the final project.

## COURSE SCHEDULE

Students should do all readings and assignments during the week in which they are assigned. Short articles for Top Hat exercises are not listed in the schedule below, but appear on the D2L site in the folder for the week they are due.

\*\*Note that the topics and readings are subject to change at any time at the professor's discretion.

WEEK	DUE DATE	TOPICS AND READINGS
<b>Week 1</b>	F, Sept. 6	<b>Topics: Introduction to Archaeology</b> Read: Fagan and Durrani Chapter 1
<b>Week 2</b>	M, Sept. 9	<b>Topic: Archaeological Ethics</b> Read: Fagan and Durrani Chapter 18 CAA code of ethics (use the link on D2L) SAA code of ethics (use the link on D2L)
	W, Sept. 11	<b>Topic: Ethics and Cultural Patrimony</b> Review: Fagan and Durrani Chapter 18
	F, Sept. 13	<b>Topics: The History of Archaeology I: Early 20<sup>th</sup> century Archaeological Perspectives</b> Read: Fagan and Durrani Chapter 2
<b>Week 3</b>	M, Sept. 16	<b>Topic: The History of Archaeology II: Late 20<sup>th</sup> century Archaeological Perspectives</b>

		Review: Fagan and Durrani Chapter 3
<b>Week 4</b>	W, Sept. 18	<b>Topics: Matrix and Preservation</b> Read: Fagan and Durrani Chapter 4
	F, Sept. 20	<b>Topics: Doing Archaeological Research</b> Read: Fagan and Durrani Chapter 5
	M, Sept. 23	<b>Topic: Dating the Past I: Stratigraphy and Seriation</b> Read: Fagan and Durrani Chapter 6
	W, Sept. 25	<b>Topic: Dating the Past II: Radiocarbon Dating</b> Read: Fagan and Durrani Chapter 7
	F, Sept. 27	<b>Topic: Dating the Past III: Archaeometric dating</b> Read: Peraza Lope et al. 2007
	<b>Week 5</b>	M, Sept. 30
W, Oct. 2		<b>Topic: Analogy, Middle Range Theory and the Living Past II:</b> Watch online: The Mystery of Easter Island Review: Fagan and Durrani Chapter 14 Read: Lipo et al. 2013
F, Oct. 4		<b>EXAM 1</b>
<b>Week 6</b>	M, Oct. 7	<b>Topic: Finding and Assessing Archaeological Sites I: Traditional Survey</b> Read: Fagan and Durrani Chapter 8
	W, Oct. 9	<b>Topic: Finding and Assessing Archaeological Sites II: Survey Exercise</b> Read: Fagan and Durrani Chapter 8
	F, Oct. 11	<b>Topic: Finding and Assessing Archaeological Sites III: Remote Sensing</b> Read: Fagan and Durrani Chapter 8
	<b>Week 7</b>	M, Oct. 14
W, Oct. 16		<b>Topics: Archaeological Excavation</b> Read: Fagan and Durrani Chapter 9
F, Oct. 18		<b>Topic: Classifying Artifacts</b> Read: Fagan and Durrani Chapter 10
<b>Week 8</b>	M, Oct. 21	<b>Topic: Ancient Technologies: Lithics I</b> Read: Fagan and Durrani Chapter 11
	W, Oct. 23	<b>Topic: Ancient Technologies: Lithics II</b> Read: Fagan and Durrani Chapter 11
	F, Oct. 25	<b>Topic: Ancient Technologies: Ceramics</b> Read: Fagan and Durrani Chapter 11
<b>Week 9</b>	M, Oct. 28	<b>Topic: Ancient Technologies: Metal</b> Read: Fagan and Durrani Chapter 11

<b>Week 10</b>	W, Oct. 30	<b>Topic: Environment, Subsistence and Diet I: Landscape and Climate</b> Review: Fagan and Durrani Chapters 12 and 13
	F, Nov. 1	<b>Topic: Environment, Subsistence and Diet II: Subsistence and Diet</b> Review: Fagan and Durrani Chapters 12 and 13
	M, Nov. 4	<b>Exam 2</b>
	W, Nov. 6	<b>Topic: Bioarchaeology I: Osteology</b> Fagan and Durrani Chapter 16 AND Tung 2007
	F, Nov. 8	<b>Topic: Bioarchaeology II: Ancient DNA and Stable Isotopes</b> Watch online: Iceman Murder Mystery Review: Fagan and Durrani Chapter 16
<b>Week 11</b>	M, Nov. 11	<b>TERM BREAK</b>
	W, Nov. 13	<b>TERM BREAK</b>
	F, Nov. 15	<b>TERM BREAK</b>
<b>Week 12</b>	M, Nov. 18	<b>Topic: Nomads and Hunters</b> Review: Fagan and Durrani Chapter 15
	W, Nov. 20	<b>Topic: From Foraging to Farming</b> Review: Fagan and Durrani Chapter 15
	F, Nov. 22	<b>Topic: Cultural Resource Management and Archaeology</b> Read: TBA
<b>Week 13</b>	M, Nov. 25	<b>Topic: Social Stratification and Class in Archaeology</b> Read: Fagan and Durrani Chapter 16
	W, Nov. 27	<b>Topic: Gender and Archaeology I</b> Review: Fagan and Durrani Chapter 16
	F, Nov. 29	<b>Topic: Gender and Archaeology II</b> Review: Fagan and Durrani Chapter 16
<b>Week 14</b>	M, Dec. 2	<b>Topic: The Archaeology of Urbanism</b> Read: Fagan and Durrani Chapter 14 AND Pompeii website AD 79 <a href="https://sites.google.com/site/ad79eruption/home">https://sites.google.com/site/ad79eruption/home</a>
	W, Dec. 4	<b>Topic: The Archaeology of Religion</b> Read: Fagan and Durrani Chapter 17
	F, Dec. 6	<b>Topic: Archaeology in the 21<sup>st</sup> Century</b> Read: Fagan and Durrani Chapter 19
<b>Week 15</b>		<b>FINAL EXAM: Schedule TBA</b>

## CLASSROOM ATMOSPHERE

- Please make this class a scheduling priority. Arrive on time, do not leave before the end of the period, and do not leave the room and come back during the class. It is more distracting than you might realize. If you have to leave class early for a legitimate personal reason or emergency, let me know in advance if possible, and do so quietly and discretely.

- Treat everyone in the class as a colleague—show respect to both your fellow students and myself, even if you strongly disagree with someone's opinion. Be friendly, courteous and kind during discussions.
- Silence your phones, laptops and tablets, and do not use for non-class purposes during class (e.g. texting, social media, email, web browsing, watching videos). They may only be used for Top Hat submissions, directed in-class activities, and note-taking purposes. Using them for non-class purposes is highly distracting. If your electronic device is distracting the professor or your fellow students, you will be asked to either turn off your device or leave the classroom, and you will lose all participation points for that day.
- Food is discouraged during lectures, particularly if it has strong smells or crinkly wrappers that are distracting to the professor and other students. Any beverages brought to lecture must have a secure lid, and must not distract from the class.
- Food and drink is not permitted in lab sections, as it will damage artifacts and leave residues on working surfaces. If you bring food on a lab day, you will be asked to either throw it out, or leave the class. Any beverages brought to lecture must have a secure lid, and must be kept apart from lab tables and working spaces. Teaching Assistants shall have discretion over allowing particular items, or requesting their removal from lab spaces.
- You may not make video and audio recordings of lectures and review sessions without the explicit consent of the professor, nor transfer them to another student, whether or not that student is enrolled in the course. Please see the Statement on Instructor Intellectual Property below.

## PLAGIARISM AND CHEATING

The University expects Students to conduct Academic Activities with integrity and intellectual honesty and to recognize the importance of pursuing and transmitting knowledge ethically. "Academic Misconduct" includes such things as Cheating, Falsification; Plagiarism, Unauthorized Assistance and failure to comply with exam regulations or an Instructor's expectations regarding conduct required of Students completing academic assessments. Academic Misconduct is a serious form of intellectual dishonesty with significant consequences. Students who participate in, or encourage the commission of, Academic Misconduct will be subject to disciplinary action which could include Probation, Suspension, or Expulsion from the University. Students are expected to be familiar with the Student Academic Misconduct Policy (<https://www.ucalgary.ca/policies/files/policies/student-academic-misconduct-policy.pdf>).

Academic misconduct will not be tolerated. It will automatically result in a grade of zero marks for the assignment, and will be reported to the University, which may result in additional University sanctions.

## STATEMENT ON INSTRUCTOR INTELLECTUAL PROPERTY

Lectures, demonstrations, performances, and any other course material provided by an instructor includes copyright protected works under the Copyright Act and all forms of electronic or mechanical recording of lectures, laboratories, tutorials, presentations, performances, electronic (computer) information, the duplication of course material, and to the translation of recordings or transcriptions of

any of these materials to another form by electronic or mechanical means by students is not permitted, except:

- As a formal accommodation as assessed by the Student Accessibility Services and only for individual private study and only at the discretion of the instructor.
- With the permission of the instructor, students without a formal accommodation may audio record lectures, provided that the student and instructor sign a release form available from departmental and faculty offices. A copy of the Release form shall be retained by the instructor and by the department in which the course is offered. Any audio recording by students is permitted only for the purposes of private study by the individual student. Students may not distribute, email or otherwise communicate these materials to any other person.
- For any other use, whether by duplication, transcription, publication, sale or transfer of recordings, written approval must be obtained from the instructor for the specific use proposed.
- Any use other than that described above (e.g. distributing, emailing or otherwise communicating these materials to any other person, constitutes academic misconduct and may result in suspension or expulsion.
- Students are encouraged to make notes of classroom discussions, lectures, demonstrations etc.

## PROTECTION OF MATERIALS UNDER COPYRIGHT

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright ([www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf](http://www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf)) and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorized sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy

## DEFERRED EXAMS

A student who is absent from a test or quiz for legitimate reasons must discuss an alternative course of action with the instructor. Deferral of the final exam requires Registrar approval. The instructor at their discretion may transfer the percentage weight for the test to the final examination, if there is a final examination in the course, set another test, etc. Documentation supporting the reason for missing an exam may be required. Deferred exams may be in a different format than the regularly scheduled exam, e.g. essay style questions instead of multiple choice questions. Students must be aware that they are responsible for payment of any charge associated with the medical assessment and documentation as this service falls outside the realm of services provided by the Provincial Health Care Plan

## ACADEMIC ACCOMMODATIONS

<http://www.ucalgary.ca/access/accommodations/policy>

It is the student's responsibility to request academic accommodations according to the University policies ([ucalgary.ca/access/accommodations/policy](http://www.ucalgary.ca/access/accommodations/policy))

Students requesting an Accommodation on the basis of Disability are required to register with Student Accommodation Services (SAS) by submitting a Request for Accommodation in accordance with the Procedure for Accommodations for Students with Disabilities

(<https://www.ucalgary.ca/policies/files/policies/procedure-for-accommodations-for-students-with-disabilities.pdf>). SAS will issue a Letter of Accommodation which must be presented to either designated

contact person within the Department or the appropriate Instructors within 10 days of the beginning of term.

Students needing an Accommodation in relation to their coursework or to fulfil requirements for a graduate degree, based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to their Instructor or the Department Head/Dean or to the designated contact person in their Faculty.

## STATEMENT ON THE FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY ACT

The University of Calgary is committed to protecting the privacy of individuals who work and study at the University or who otherwise interact with the University in accordance with the standards set out in the Freedom of Information and Protection of Privacy Act. The Department of Anthropology and Archaeology keeps exams and any term work not picked up for a minimum of one year after which it is destroyed. Please refer to the following link for detailed information:

<http://www.ucalgary.ca/legalservices/foip>

## WRITING ACROSS THE CURRICULUM

Writing skills are not exclusive to English courses and, in fact, should cross all disciplines. The University supports the belief that throughout their University careers, students should be taught how to write well so that when they graduate their writing abilities will be far above the minimal standards required at entrance. Consistent with this belief, students are expected to do a substantial amount of writing in their University courses and, where appropriate, members of faculty can and should use writing and the grading thereof as a factor in the evaluation of student work. The services provided by the Writing Support, part of the Student Success Centre, can be utilized by all undergraduate and graduate students who feel they require further assistance

## EMERGENCY EVACUATION ASSEMBLY POINT

In the event of an emergency that requires evacuation, the assembly point for this course is the Education Block Food Court.

## FURTHER SUPPORT AND RESOURCES

Please consult the link for information on the following campus resources:

<https://www.ucalgary.ca/registrar/registration/course-outlines>

- Emergency Evacuation/Assembly Points
- Wellness and Mental Health Resources
- Student Success Centre
- Student Ombuds Office
- Student Union (SU) Information
- Safewalk