

Department of Anthropology and Archaeology
INTRODUCTION TO ARCHAEOLOGY (ARKY 201)
WINTER 2022

Lectures: MWF 9:00 AM to 9:50 AM in MFH164

Labs: ES851 – check your course schedule for your lab section time.

INSTRUCTOR	Dr. Lindsay Amundsen-Meyer
OFFICE	ES 860
OFFICE HOURS	Wednesdays 12:30-1:30 pm or by appointment
E-MAIL	lmamunds@ucalgary.ca
PHONE	403-220-6227

TEACHING ASSISTANTS: Connor McBeth (Head TA)
Larissa Lazette
Patricia Díaz

Questions or concerns regarding lectures or the overall course should be first directed Dr. Amundsen-Meyer. Questions regarding labs or lab assignments should first be directed to your teaching assistant and will be referred to Dr. Amundsen-Meyer as necessary. The instructor can be then be contacted if a satisfactory resolution or answer is not reached.

Course Description:

What is archaeology, exactly? The subject fascinates many people, but 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 past cultures through the material remains that are left behind. Students will learn that archaeologists engage in detailed, systematic detective work aimed at answering a wide range of questions about human behavior. This course will introduce 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 touch on some famous discoveries and excavations that have broadened our knowledge of 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.

Learning Outcomes:

By the end of the course, students should have the necessary skills and knowledge to:

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

Assessment:

The course grade will be assessed through both lecture (60%) and laboratory (40%) activities.

Lecture assessments will consist of three components: **one online and one in class midterm** ~~two in-class midterms~~, and one final exam scheduled by the Registrar. These components will be weighted as follows:

Midterm 1:	15%	(Monday, February 7)
Midterm 2:	15%	(Monday, March 14)
Final Exam (Registrar scheduled):	30%	(TBA)

An optional bonus assignment (Object Story Assignment) may be completed, worth up to an additional 5%.

Lab assessments will consist of two components: lab assignments/quizzes, and one final lab project. Details of these assessments will be provided by your TA in your lab section. These components will be weighted as follows.

Lab activities/assignments (10 activities):	25%	
Final Project:	15%	(Due April 11 by 6 PM)

TopHat

Students are required to set up a Top Hat account. Top Hat will be used to assess comprehension, survey class opinion and for other purposes. The university has a site license for the application and accounts can be set up at <https://app.tophat.com/register> student.

Join Code is: 206835 (W2022-ARKY201)
Course Password is: ARKY201-W20220

Required Text:

Kelly, Robert L. and David Hurst Thomas
2017 *Archaeology (Seventh Edition)*. Cengage Learning, Boston.

Print and eBook copies are available through the University of Calgary bookstore and other sources.

Course Logistics:

Lectures are presented every week on Mondays, Wednesdays and Fridays in MFH 164. The lab portion of the course will include one 3 hour in-person lab each week in ES851, involving hands-on activities (check your course schedule for your lab section meeting time). Labs begin the **second week of class (week of January 17)**. The course will follow all University of Calgary Covid-safe procedures, which states that non-medical faces masks must be worn in all indoor areas, including in ES851 and MFH 164 for the duration of both lab and lecture. In the lab, nitrile gloves must be work whenever artifacts are handled, as

artifacts cannot be cleaned. Please note that in order to be on campus, students will need to be fully vaccinated in accordance with University of Calgary policy.

The course will follow an active and experiential learning format in both lab and lecture; participation in activities will be key to student success. The course will follow an interactive lecture-discussion style format. Students are responsible for all materials covered in the required readings and the lectures, including films and videos. Ideally, students should read the assigned materials for each week's lecture ahead of time. Lectures are designed to augment material in the text and will not repeat or cover all material in the text, but will elaborate on selected topics to provide a deeper understanding. Classroom materials missed due to absenteeism are the sole responsibility of the student.

Segments of class time (lecture and lab) each week will be focused on learning through discussion and other participatory activities. Students are expected to be active participants in these activities and involved in their own learning. Active participation will help you achieve success. A respectful and safe environment for students to participate is considered a priority; disrespectful or condescending behaviours towards other students will not be tolerated.

Field Trip:

Normally, the class takes a Saturday field trip to the site of Head-Smashed-In Buffalo Jump. Unfortunately, an in-person field trip is not possible at this time. We will instead utilize content created by the museum and available online, understanding that it is not truly possible to replace an in-person experience of the site. The mandatory supplementary fee normally assessed for this course will not be collected because the field trip to Head-Smashed-In has been cancelled.

Communication and Email Policy

Questions or concerns regarding lectures or the overall course should be first directed Dr. Amundsen-Meyer. Questions regarding labs or lab assignments should first be directed to your teaching assistant and will be referred to Dr. Amundsen-Meyer as necessary. The instructor can be then be contacted if a satisfactory resolution or answer is not reached. Students should use their Ucalgary email address when contacting the instructor or teaching assistant on course business.

Students are encouraged to take advantage of the instructor's office hours to address any questions or concerns that they may have regarding the course. This is also a good opportunity to discuss concepts and ideas that are covered in class.

The best way to contact the instructor and teaching assistants is through email. Please begin with the course code in the subject line (ARKY 201) and be sure to sign your name. We will do our best to answer emails within 24 hours upon receipt within standard business days and hours. Emails will not be responded to between the hours of 5 pm and 8 am or on weekends. Please do NOT expect an immediate reply. Also, note that we will not answer emails related to assignments that are due within 24 hours. Please manage your time accordingly and address concerns well in advance of the due date.

Assessment Format and Deadlines:

It is not necessary to pass all components to pass the course.

Lectures:

1. Midterm Exams (15% each)

Midterm 1 will be an online exam available on D2L at the beginning of class on Monday, February 7 at 9 am and will be available for 24 hours. When you access the assessment, you will have 50 minutes to complete it, plus 50% extra time to account for issues with technology, caregiving responsibilities or distractions within your test-taking environment for a total of 75 minutes. ~~50 minute in-class midterm exams will take place on Monday, February 7 and Monday, March 14.~~ The exam will ~~not~~ be open book, and may include multiple choice, true/false, matching, fill in the blank and/or short answer questions. You can use your course notes, textbook and any material posted on D2L. You cannot use Google or other internet resources. The midterms are not cumulative, including only material from prior course lectures, readings, audio-visual components and discussions since the time of the last exam. ~~Students must be present prior to the start of the exam to write the exam.~~ Opportunities for a make-up exam will not be offered unless valid documentation is provided (see below). ~~Classroom guidelines for the examination will be posted on D2L.~~

~~Midterm 2 will be a~~ 50 minute in-class midterm exam which will take place ~~on Wednesday, February 9 and~~ Monday, March 14. The exam will be closed book, and may include multiple choice, true/false, matching, fill in the blank and/or short answer questions. The midterms are not cumulative, including only material from prior course lectures, readings, audio-visual components and discussions since the time of the last exam. Students must be present prior to the start of the exam to write the exam. Opportunities for a make-up exam will not be offered unless valid documentation is provided (see below). Classroom guidelines for the examination will be posted on D2L.

2. Final Exam (20%)

The final exam will be a two-hour exam scheduled by the Registrar. This exam is cumulative, including material from all prior course lectures, readings, audio-visual components and discussions. The exam will not be open-book and may include multiple choice, true/false, fill in the blank, matching, and/or short answer questions.

Labs:

1. Lab Activities/Assignments (25% total)

Throughout the course of the semester, students will complete a series of lab assignments/quizzes. The format of these assessments will vary based on the particular topic and needs of each lab. Detailed instructions will be provided in your lab section.

2. Final Project (15%)

Students will complete a final lab project, using skills learned throughout the lab to complete a mock archaeological excavation, catalogue the resulting artifacts, and interpret the results. Detailed instructions including a marking rubric will be provided by your TA in your lab section. The Lab Final Project is due by 6 PM on April 11, and must be submitted through the appropriate DropBox on D2L.

OPTIONAL: Bonus Assignment

1. Object Story Assignment (5%)

Students who choose to complete this assignment will be responsible for choosing a 3D representation of an artifact online to study and describe. Students will be required to write a one paragraph description based on their observations of the artifact. This will require the student to observe the cultural object and list concrete details about it. This descriptive paragraph should align with cataloguing principles learned in class and lab, and be appropriate for an artifact description in an archaeological report. As well, students should describe what can be learned from this object in an archaeological context. The Object Story Assignment is due by 6 PM on Friday, March 25, submitted through Drop Box on D2L. If any external sources are used, material must be referenced appropriately following the Society for American Archaeology (SAA) reference style. Additional details and instructions will be provided to students on D2L.

Grading Scale:

Letter Grade	Percentage Range	Letter Grade	Percentage Range
A+	95 or above	C+	67 – 70.9
A	90 – 94.9	C	63 – 66.9
A-	85 – 89.9	C -	59 – 62.9
B+	80 – 84.9	D+	55 – 58.9
B	75 – 79.9	D	50 – 54.9
B-	70 – 74.9	F	49.9 or below

Late/Missed Assignments:

Students must provide advance notice if unable to complete the assignment by the due date to request an extension. Students may be asked to provide supporting documentation for an exemption/special request. Assignments submitted after the deadline may be penalized by the loss of 10% of the grade for each day late.

Students who miss a midterm exam must contact the instructor within 24 hours to discuss alternative arrangements/assessments and may be asked to provide supporting documentation for an exemption/special request. Students who miss exams without legitimate documentation will receive a grade of 0 for that exam.

Falsification of any supporting documentation will be taken very seriously and may result in disciplinary action through the Academic Discipline regulations or the Student Non-Academic Misconduct policy.

As per University of Calgary policy, students who have missed a mid-term exam and/or-assignment deadline for documented reasons such as illness may arrange alternatives with the instructor. Students are responsible for discussing the situation with the instructor as soon as possible. Should the need for a deferral arise, students are responsible for familiarizing themselves with regulations under the *Deferral of Term Work* section of the university calendar.

Deferral of the registrar scheduled final exam requires Registrar approval.

Reappraisal of Graded Term Work: <http://www.ucalgary.ca/pubs/calendar/current/i-2.html>

Reappraisal of Final Grade: <http://www.ucalgary.ca/pubs/calendar/current/i-3.html>

Required Technology/Appropriate Use of Electronic Devices in Class:

Bring your computers to class if you like to take notes on them. Throughout the class we will be doing a number of activities using an app TopHat, which can be used on any laptop, tablet or smart phone. However, students will still be able to participate in the activities if they do not have access to these devices. Additional information on the program will be provided on the first day of class. Please keep phones on silent mode and, in the event of an emergency, please step outside to take or make any calls.

Writing Across the Curriculum

All written assignments (including, to a lesser extent, written exam responses) will be assessed at least partly on writing skills. Writing skills include not only surface correctness (grammar, punctuation, sentence structure, etc.) but also general clarity and organization. Sources used in research papers must be properly documented. If you need help with your writing, you may use the writing support services in the Learning Commons. For further information, please refer to the official online University of Calgary Calendar, Academic Regulations, E. Course Information, E.2: Writing Across the Curriculum:

<http://www.ucalgary.ca/pubs/calendar/current/e-2.html>

Academic Accommodations

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services; SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit <https://live-ucalgary.ucalgary.ca/student-services/access>. Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their Instructor or the Department Head. The full policy on Student Accommodations is available at <https://www.ucalgary.ca/legal-services/university-policies-procedures/accommodation-students-disabilities-procedure>.

Academic Misconduct

“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.

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. For information on academic misconduct and its consequences, please see the University of Calgary Calendar at <https://www.ucalgary.ca/pubs/calendar/current/k-3.html>

Further support on academic integrity is available at: <https://ucalgary.ca/student-services/student-success/learning/academic-integrity>

Instructor Intellectual Property

Course materials created by professor(s) (including course outlines, presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the professor(s). These materials may NOT be reproduced, redistributed or copied without the explicit consent of the professor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

Freedom of Information and Protection of Privacy Act

Student information will be collected in accordance with typical (or usual) classroom practice. Students' assignments will be accessible only by the authorized course faculty. Private information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary.

Copyright Legislation

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (<https://ucalgary.ca/legal-services/university-policies-procedures/acceptable-use-material-protected-copyright-policy>) 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.

Support and Resources

Please visit the Registrar's website at:

<https://www.ucalgary.ca/registrar/registration/course-outlines> for additional important information on the following:

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

- Safewalk

INTRODUCTION TO ARCHAEOLOGY

WINTER 2022

MWF 9:00 AM to 9:50 AM in MFH164

TENTATIVE LECTURE SCHEDULE (subject to change)

Monday January 10

Introduction to the course and course overview

Wednesday January 12

Introduction to Archaeology

Readings: Chapter 2: pgs 18-23 – Introduction/What's an Anthropological Approach through to What's a Scientific Approach

Friday January 14

Ethics Overview

Readings: Chapter 15: pgs 322-334 – International Efforts to Protect Cultural Resources through to the end of the Chapter

Monday January 17

Archaeological Ethics and Cultural Patrimony

Readings: Chapter 16: pg 348-357 – Who Owns the Past through to the end of the Chapter

Wednesday January 19

Impacts of Colonization: Historical Issues

Friday January 21

Indigenous Peoples: Current Realities

Monday January 24

History of Archaeology

Readings: Chapter 1

Wednesday January 26

Archaeological Theories: Part 1

Readings: Chapter 2: pgs 23-38 – What's a Scientific Approach through to the end of the Chapter

Friday January 28

Archaeological Theories: Part 2

Readings: Chapter 2: pgs 23-38 – What's a Scientific Approach through to the end of the Chapter

Monday January 31

Indigenous Archaeology/Community Based Archaeology

Wednesday February 2

Middle Range Theory

Chapter 8

Friday February 4

Doing Research/Approaches to Archaeology

Monday February 7

MIDTERM #1

Wednesday February 9

Geoarchaeology and Site Formation Processes

Readings: Chapter 5

Friday February 11

Archaeological Dating: Part 1

Readings: Chapter 6

Monday February 14

Archaeological Dating: Part 2

Readings: Chapter 6

Wednesday February 16

Archaeological Survey

Readings: Chapter 3: 40-53

Friday February 18

Archaeological Survey: Sampling Methods

Readings: Chapter 3: 40-53

Monday February 28

Remote Sensing

Readings: Chapter 3: pg 53-65 – How to Find a Lost Spanish Mission through to the end of the Chapter

Wednesday March 2

Cultural Resources Management

Friday March 4

Archaeological Excavation: Part 1

Readings: Chapter 4

Monday March 7

Archaeological Excavation: Part 1

Readings: Chapter 4

Wednesday March 9

Archaeological Excavation in Practice

Readings: Chapter 4

Friday March 11

Digital Heritage

Monday March 14

Midterm #2

Wednesday March 16

Classifying Artifacts

Readings: Chapter 7: 130-141 – Introduction through to Space-Time Systematics

Friday March 18

Imagining Head-Smashed-In

Monday March 21

Space-Time Systematics

Readings: Chapter 7: 141-147 – Space-Time Systematics through to the end of the Chapter

Wednesday March 23

Zooarchaeology/Paleoethnobotany

Readings: Chapter 9

Friday March 25

Bioarchaeology

Readings: Chapter 10

Monday March 28

Environment and Climate

Wednesday March 30

Reconstructing Social Systems

Readings: Chapter 11: 220-238

Friday April 1

Reconstructing Political System

Readings: Chapter 1: 239-244

Monday April 4

Archaeology of Religion/Ideology, Archaeology of Gender

Readings: Chapter 12

Chapter 11: 221-227 – Archaeology of Gender

Wednesday April 6

Key Transitions in World Prehistory

Readings: Chapter 13

Friday April 8

Corn and the Origins of Settled Life

Monday April 11

Archaeology in the 21st Century

Final Exam Review

Readings: Chapter 16: 336-348

FINAL EXAM: TBD (Registrar Scheduled)