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**ARKY 201 (Lecture 01)**  
**Introduction to Archaeology**  
GFC Hours 3-3  
Fall 2023

<b>Instructor:</b>	Dr. Lindsay Amundsen-Meyer	<b>Lecture Location:</b>	KNB 132
<b>Phone:</b>	403-220-6227	<b>Lecture Days/Time:</b>	MWF 10:00 AM to 10:50 AM
<b>Email:</b>	<a href="mailto:lmamunds@ucalgary.ca">lmamunds@ucalgary.ca</a>		
<b>Office:</b>	ES 860		
<b>Office Hours:</b>	Wednesdays 11:30-12:30	<b>Labs:</b>	ES 861 – check your course schedule for your section time
<b>Teaching Assistant:</b>	Matthew Lucy (Head TA)		
<b>TA Email:</b>	<a href="mailto:matthew.lucy@ucalgary.ca">matthew.lucy@ucalgary.ca</a>		
<b>Teaching Assistant:</b>	Zoe Cascadden		
<b>TA Email:</b>	<a href="mailto:zoe.cascadden@ucalgary.ca">zoe.cascadden@ucalgary.ca</a>		
<b>Teaching Assistant:</b>	Allie Bradford		
<b>TA Email:</b>	<a href="mailto:allie.bradford@ucalgary.ca">allie.bradford@ucalgary.ca</a>		
<b>Teaching Assistant:</b>	Lauren Ostrowski		
<b>TA Email:</b>	<a href="mailto:lauren.ostrowski@ucalgary.ca">lauren.ostrowski@ucalgary.ca</a>		

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### 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. 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:**

The Department of Anthropology and Archaeology is committed to student knowledge and skill development.

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.

## **READINGS AND TEXTBOOKS:**

Kelly, Robert L. and David Hurst Thomas (Required)

2017 *Archaeology (Seventh Edition)*. Cengage Learning, Boston.

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

## **REQUIRED TECHNOLOGY and EQUIPMENT:**

A computer with word processor and PDF viewer is required. 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.

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: 935302 (ARKY 201 F23)

## **SUPPLEMENTARY FEES**

A supplementary fee of \$58.00 is assessed per student to cover the additional costs associated with this course.

**Field Trip:** A mandatory Saturday field trip is planned to Head-Smashed-In Buffalo Jump on October 21. All students are expected to attend. You should pack a lunch, wear comfortable shoes you can walk in easily, and bring WARM clothing. We anticipate a departure from campus at 8 am and return by 5 pm.

## COURSE REQUIREMENTS AND ASSESSMENT

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

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

Midterm 1:	15%	(Wednesday October 4)
Midterm 2:	15%	(Friday November 3)
Final Exam (Registrar scheduled):	30%	(TBA)

An optional bonus assignment (Object Story Assignment) may be completed, worth up to an additional 5%. Due Monday November 20 at 6 pm via D2L.

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:	20%	
Final Project:	15%	(Due Wed December 13 by 6 PM)
Participation:	5%	

### Assessment Format and Deadlines:

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

### Lectures:

1. Midterm Exams (15% each)

50 minute in class midterm exams will take place on Wednesday October 4 and Friday November 3. The exams 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. Classroom guidelines for the examination will be posted on D2L.

2. Final Exam (30%)

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 be closed book and may include multiple choice, true/false, fill in the blank, matching, and/or short answer questions. **Deferral of the registrar scheduled final exam requires Registrar approval.**

### Labs:

1. Lab Activities/Assignments (20% 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 December 13, and must be submitted through the appropriate DropBox on D2L.

3. Participation (5%)

Five percent of your lab grade will include participation as measured through lab attendance, participation in the Head-Smashed-In field trip and participation in mock excavations during your lab section.

**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. The Object Story Assignment is due by 6 PM on Monday, November 20, 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.

**Late/Missed Assessments and Assignments**

*For exams:* Missed examinations/tests cannot be made up without the approval of the instructor. Exams may only be deferred in the case of serious illness or medical emergency, religious observance, or domestic affliction (see:

<https://www.ucalgary.ca/registrar/exams/deferred-final-exams>). Students who miss a test/exam have up to **48 hours** to contact the instructor to ask for a makeup test/exam.

Students who do not schedule a makeup test/exam with the instructor within this 48-hour period forfeit the right to a makeup test/exam. Makeup tests/exams differ significantly (in form and/or content) from the regularly scheduled test/exam and will be essay style exams. Once approved by the instructor a makeup test/exam must be written within **two weeks** of the missed test/exam on a day/time scheduled by the instructor. Deferral of the registrar-scheduled final exam requires Registrar approval

<https://www.ucalgary.ca/registrar/exams/deferred-final-exams>

*For written assignments:* Late assignments will be penalized 5% per day, including holidays and weekends. All assignments must be submitted to the Dropbox on D2L.

*Regarding documentation:* Students may be asked to provide supporting documentation for an exemption/special request. This may include, but is not limited to, a prolonged absence from a course where participation is required, a missed course assessment, a deferred examination, or an appeal. Students are encouraged to submit documentation that will support their situation. Supporting documentation may be dependent on the reason noted in their personal

statement/explanation provided to explain their situation. This could be medical certificate/documentation, references, police reports, invitation letter, or a statutory declaration, etc. The decision to provide supporting documentation that best suits the situation is at the discretion of the student. Students cannot be required to provide specific supporting documentation, such as a medical note. 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.

NOTE: Should a request to defer term work exceed the end of the term, a Deferral of Term Work form must be completed and submitted to the Office of the Registrar. The deferral will be recorded on the student record. Deferrals are granted at the discretion of the Dean or designate and are normally granted for 30 days beyond the last day of the term. Should circumstances warrant, the maximum time that may be granted for a deferral of term work is one additional term. Approved extensions must be sent to the Office of the Registrar. Application information is available at: <https://www.ucalgary.ca/registrar/student-centre/student-forms>

**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>

**Department of Anthropology and Archaeology Grading Scheme:**

A+	95 – 100%	B+	80 – 84.9%	C+	67 – 70.9%	D+	55 – 58.9%
A	90 – 94.9%	B	75 – 79.9%	C	63 – 66.9%	D	50 – 54.9%
A-	85 – 89.9%	B-	71 – 74.9%	C-	59 – 62.9%	F	< 50%

***\*\*Please note that no additional extra credit or ‘make up’ work is available in this class (only the Object Story Assignment\*\****

***You do not need to pass each course component to earn a passing grade in the class***

**Land Acknowledgement**

The University of Calgary, located in the heart of Southern Alberta, both acknowledges and pays tribute to the traditional territories of the peoples of Treaty 7, which include the Blackfoot Confederacy (comprised of the Siksika, the Piikani, and the Kainai First Nations), the Tsuut’ina First Nation, and the Stoney Nakoda (including Chiniki, Bearspaw, and Goodstoney First Nations). The City of Calgary is also home to the Métis Nation of Alberta Region 3.

**Acknowledgment and Respect for Diversity**

The Department of Anthropology and Archaeology views diversity of identity as a strength and resource. Your experiences and different perspectives are encouraged and add to a rich learning environment that fosters critical thought through respectful discussion and inclusion.

## COURSE POLICIES

### 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 the Head TA (Matthew Lucy) or Dr. Amundsen-Meyer as necessary. The Head TA or instructor can then be contacted if a satisfactory resolution or answer is not reached. Students **must use their Ucalgary email address** when contacting the instructor or teaching assistant on course business and **should include the course code in the subject line (ARKY 201)**.

Students are encouraged to take advantage of the instructor's office hours and their assigned lab times 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 answer emails within 48 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.

### Course Logistics:

Lectures are presented every week on Mondays, Wednesdays and Fridays in KNB 132. 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 September 11) and there will be no lab the week of the Thanksgiving holiday (week of October 9)**.

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.

## UNIVERSITY POLICIES

### 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 INTEGRITY POLICY

Academic integrity is the foundation of the development and acquisition of knowledge and is based on values of honesty, trust, responsibility, and respect. We expect members of our community to act with integrity. The University Calendar includes a statement on the principles of conduct expected of all members of the university community (including students, faculty, administrators, any category of staff, practicum supervisors, and volunteers), whether on or off university property. This statement applies in all situations where members of the university community are acting in their university capacities. All members of the university community have a responsibility to familiarize themselves with the principles of conduct statement, which is available at: [www.ucalgary.ca/pubs/calendar/current/k.html](http://www.ucalgary.ca/pubs/calendar/current/k.html).

### ACADEMIC MISCONDUCT

The University of Calgary is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect.

Academic dishonesty is not an acceptable activity at the University of Calgary, and students are **strongly advised** to read the Student Misconduct section in the University Calendar at: [www.ucalgary.ca/pubs/calendar/current/k-3.html](http://www.ucalgary.ca/pubs/calendar/current/k-3.html). Often, students are unaware of what constitutes academic dishonesty or plagiarism. The most common are (1) presenting another student's work as your own, (2) presenting an author's work or ideas as your own without adequate citation, and (3) using work completed for another course. Such activities will not be tolerated in this course, and students suspected of academic misconduct will be dealt with according to the procedures outlined in the calendar at: <https://www.ucalgary.ca/legal-services/university-policies-procedures/student-academic-misconduct-procedure>

For students wishing to know more about what constitutes plagiarism and how to properly cite the work of others, the Department of Geography recommends that they attend Academic Integrity workshops offered through the Student Success Centre: <https://www.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. Information on Instructor Intellectual Property can be found at <https://www.ucalgary.ca/legal-services/university-policies-procedures/intellectual-property-policy>

### **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.

### **SUPPORTS FOR STUDENT LEARNING, SUCCESS, AND SAFETY**

Please visit the Registrar's website at: <https://www.ucalgary.ca/registrar/registration/course-outlines> for additional important information on the following:

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



**TENTATIVE CLASS SCHEDULE** (subject to change)

ARKY 201 Fall 2023

Date	Lecture Topic	Readings	Lab Topic
W Sep 6	Introduction to the course and course overview		No Lab – first week of classes
F Sep 8	Introduction to Archaeology	Chapter 2: pgs 18-23	
M Sep 11	Ethics Overview	Chapter 15: pgs 322-334	<b>Introduction Archaeological Provenience</b> Class Activity: Provenience and Borden System Exercise <b>Stratigraphy/Sediment Profiles</b> Class Activity: Stratigraphy Exercise
W Sep 13	Archaeological Ethics and Cultural Patrimony	Chapter 16: pgs 348-357	
F Sep 15	Guest Lecture: Crystal Manyfingers (TBC)		
M Sep 18	Impacts of Colonization: Historical Issues and Current Realities		<b>Topographic Maps and Location Systems</b> Class Activity: Map and Location Systems Exercise
W Sep 20	History of Archaeology		
F Sep 22	Archaeological Theories (Part 1)	Chapter 2	
M Sep 25	Archaeological Theories (Part 2)	Chapter 2	<b>Lithic Analysis</b> <u>Quiz #1 – Archaeological Provenience, Topographic Maps, and Location Systems</u> Class Activity: Lithic Exercise
W Sep 27	Indigenous Archaeology		
F Sep 29	Middle Range Theory	Chapter 8	
M Oct 2	Doing Research/ Approaches to Archaeology		<b>Ceramic Analysis</b> <u>Quiz #2 – Lithic Analysis</u> Class Activity: Ceramic Exercise
W Oct 4	<b>Midterm # 1</b>		
F Oct 6	Geoarchaeology and Site Formation Processes	Chapter 5	
M Oct 9	<i>Thanksgiving Day, No Classes</i>		<b>Human Osteology</b> <u>Quiz #3 – Ceramic Analysis</u> Osteology Exercise
W Oct 11	Relative Dating	Chapter 6	
F Oct 13	Absolute Dating	Chapter 6	
M Oct 16	Guest Lecture: Digital Heritage (Madisen Hvidberg, TBC)		<b>Faunal Analysis</b> Class Activity: Faunal Exercise

W Oct 18	Archaeological Survey	Chapter 3: pgs 40-53	
F Oct 20	Archaeological Survey: Sampling Methods	Chapter 3: pgs 40-53	
S Oct 21	<b>Mandatory Field Trip: Head-Smashed-In Buffalo Jump</b>		
M Oct 23	Remote Sensing	Chapter 3: pgs 53-65	<b>Alberta Prehistory and Final Project Review</b> <u>Quiz #4 – Faunal Analysis and Human Osteology</u> Excavation Techniques
W Oct 25	Cultural Resource Management		
F Oct 27	Archaeological Excavation (Part 1)	Chapter 4	
M Oct 30	Archaeological Excavation (Part 2)	Chapter 4	<b>Final Project – Locality #1</b> <u>Quiz #5 – Alberta Prehistory</u>
W Nov 1	Archaeological Excavation in Practice		
F Nov 3	<b>Midterm #2</b>		
M Nov 6	Guest Lecture: TBC Archaeological Excavation		<b>Final Project – Locality #2</b>
W Nov 8	Classifying Artifacts	Chapter 7: 130-141	
F Nov 10	Space-Time Systematics	Chapter 7: 141-147	
Nov 12-18	<i>Term Break, No Classes</i>		<i>Term Break – No Labs</i>
M Nov 20	<b>Object Story Assignment Due (6 pm)</b>		
M Nov 20	Zooarchaeology/ Paleoethnobotany	Chapter 9	Open Labs
W Nov 22	Bioarchaeology	Chapter 10	
F Nov 24	Reconstructing Social Systems	Chapter 11: 220-238	
M Nov 27	Reconstructing Political Systems	Chapter 11: 239-244	Open Labs
W Nov 29	Archaeology of Religion/Ideology, Archaeology of Gender	Chapter 12 Chapter 11: 221-227	
F Dec 1	Key Transitions in World Prehistory: Origins of Agriculture	Chapter 13	
M Dec 4	Key Transitions in World Prehistory: Rise of States	Chapter 13	Open Labs – Final Week of Classes
W Dec 6	Archaeology in the 21 <sup>st</sup> Century Final Exam Review	Chapter 16: 336-348	

W Dec 13	<b>Lab Final Project Due (6 pm)</b>	
Dec 9-20	<b>Fall Final Exam Period</b>	

**IMPORTANT DATES**

M Sept 4	Labour Day, No Classes
T Sept 5	Start of Classes
R Sept 14	Last day to drop a class without a financial penalty
F Sept 15	Last day to add or swap a course
F Sept 22	Fee payment deadline for Fall Term full and half courses.
S Sept 30	National Truth and Reconciliation Day
M Oct 9	Thanksgiving Day, No Classes.
M Nov 13	Remembrance Day Observance
Nov 12-18	Reading Break. No classes.
W Dec 6	Fall Term Lectures End. Last day to withdraw with permission from Fall Term half courses.
Dec 9-20	Fall Final Exam Period.
Dec 25-31	Holiday Observance, University Closed.

<https://www.ucalgary.ca/pubs/calendar/current/academic-schedule.html#fall2017>