

**Department of Anthropology and Archaeology**  
**ARCHAEOLOGY OF THE CANADIAN PLAINS (ARKY 321)**

FALL 2022

Lectures: MWF 1:00 PM to 1:50 PM in MFH164

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 ASSISTANT: Shane Montgomery (shane.montgomery@ucalgary.ca)

ANTIREQUISITE: Credit for Archaeology 321 and 421 will not be allowed.

**Course Description:**

In this course, the processes of cultural and social change on the Northwestern Plains over the last 12,000 years, from early hunters of Ice-Age megafauna to tribal level farming societies, are explored from a Canadian Plains perspective. This course will survey the historical and cultural development of the Indigenous peoples occupying the Great Plains of North America from the arrival of the first humans through the European settlement period, with a particular emphasis on the Northwestern (Canadian) Plains and the Upper Missouri regions. Initial lectures and discussions will briefly describe the physical setting and general theoretical approaches to the study of hunter/gatherer and horticulturalist societies. We then explore the initial colonization of the Americans and the subsequent development of hunting strategies for herd animals occupying the grassland environment. We examine human adaptations to changing environments and the development of social strategies to cope with natural hazards and demographic pressures. It will be shown how, with time, these local developments led to the establishment of ties with human groups in adjoining homelands including eventual encounters with new migrants from distant lands.

**Learning Outcomes:**

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

- Explain the lifeways of the Plains bison hunters and their neighbours.
- Describe cultural developments on the Canadian Plains.
- Give examples of how archaeologists use cultural materials to reconstruct the lifeways of Plains groups
- Apply the principles of archaeological research in the interpretation of adaptations to changing natural and cultural settings.
- Understand and apply concepts of archaeological ethics and Indigenous archaeology in the Canadian Plains context

**Assessment:**

The course grade will be assessed through a map assignment, two midterm exams and a registrar scheduled final exam. These components will be weighted as follows:

Midterm 1:	25%	(Wednesday October 5)
Midterm 2:	25%	(Friday November 4)
Reading Assignment	20%	(Friday November 18 by 6 PM)
Final Exam (Registrar scheduled):	30%	(TBA)

**Required Technology**

Students need a computer with internet, a word processor and a PDF viewer such as Adobe Reader.

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: 111259 (F2022\_ARKY321)

**Required Text:**

There is NO required text for this course. Students will be directed to required supplementary readings on particular topics. Students are responsible for all material presented in lectures and supplementary readings.

**Course Logistics:**

Lectures are presented every week on Mondays, Wednesdays and Fridays in HNSC122. **\*No class will take place on September 30, the National Day for Truth and Reconciliation.** The course will follow all University of Calgary Covid-safe procedures, should such procedures be implemented at any point in the semester

The course will follow an active and experiential learning format; participation in activities will be key to student success. Students are responsible for all materials covered in the required supplementary 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 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.

## **Communication and Email Policy**

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 is through email. Please begin with the course code in the subject line (ARKY 321) and be sure to sign your name. I will do my best to 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 I 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.

1. Midterm Exams (25% each)

50 minute in class midterm exams will take place on Wednesday October 5 and Friday November 4. 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 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. Reading Assignment (20%)

Students will be responsible for writing a one-page critical summary of one of the required readings for the course. Article summaries are due by 6 PM on November 18 and must be submitted through Drop Box on D2L. Material must be referenced appropriately following the Society for American Archaeology (SAA) reference style. A pdf copy of the SAA Style Guide can be found at [https://documents.saa.org/container/docs/default-source/doc-publications/style-guide/saa-style-guide\\_english\\_updated\\_2021\\_final08023c15928949dabd02faafb269fb1c.pdf?sfvrsn=c1f41c1b\\_2](https://documents.saa.org/container/docs/default-source/doc-publications/style-guide/saa-style-guide_english_updated_2021_final08023c15928949dabd02faafb269fb1c.pdf?sfvrsn=c1f41c1b_2). Additional details and instructions will be provided to students on the first day of class.

3. 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.

## 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 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 provide supporting documentation to support their exemption/special request. Students who miss exams without legitimate rationale 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>.

## ACADMIC 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
- Emergency Evacuation/Assembly Points
- Safewalk

### **IMPORTANT DATES**

The last day to drop this course with no “W” notation and **still receive a tuition fee refund** is **Thursday, September 15<sup>th</sup>, 2022**. Last day add/swap a course is **Friday, September 16<sup>th</sup>, 2022**. The last day to withdraw from this course is **Wednesday, December 7<sup>th</sup>, 2022**.

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

# ARCHAEOLOGY OF THE CANADIAN PLAINS

Fall 2022

MWF 1:00 PM to 1:50 PM in HNSC122

TENTATIVE LECTURE AND READING SCHEDULE (subject to change)

## **Wednesday Sept 7**

Introduction to Course/Course Overview and Norms

## **Friday September 9**

Great Plains Culture Area

## **Monday September 12**

Climate Setting and Late Quaternary Environmental Change

### *Required Reading:*

Beaudoin, Alwynne B and Gerald A. Oetelaar

2003 The Changing Ecophysical Landscape of Southern Alberta During the Late Pleistocene and Early Holocene. *Plains Anthropologist* 48(187):187-207.

## **Wednesday September 14**

Plains Archaeology Overview

### *Required Reading:*

Lakevold, Courtney

2016 A Summary of Alberta Archaeology Sites, 1992-2015. In *Back on the Horse: Recent Developments in Archaeological and Palaeontological Research in Alberta*, edited by Robin Woywitka, pp. 19-24. Archaeological Survey of Alberta Occasional Paper No. 36. (<https://open.alberta.ca/publications/9781460131626>).

### *Optional Readings:*

Haukaas, Colleen

2021 *The Archaeological Survey in Numbers – 2020 Update Part One*. RETROactive blog. Alberta Culture and Tourism. (<https://albertashistoricplaces.com/2021/11/10/the-archaeological-survey-in-numbers-2020-update-part-one/>).

Haukaas, Colleen

2021 *The Archaeological Survey in Numbers – 2020 Update Part Two*. RETROactive blog. Alberta Culture and Tourism. (<https://albertashistoricplaces.com/2021/12/08/the-archaeological-survey-in-numbers-2020-update-part-two/>).

Archaeological Sites in Alberta. (<https://www.alberta.ca/archaeological-sites-alberta.aspx>).



**Friday September 16**  
Historical Development

**Monday September 19**  
Ethics in Archaeology: The Canadian Context

*Required Reading:*

Supernant, Kisha

2018 Reconciling the Past for the Future: The Next 50 Years of Canadian Archaeology in the Post-TRC Era. *Canadian Journal of Archaeology* 42:144-153.

Canadian Archaeological Association Principles of Ethical Conduct  
<https://canadianarchaeology.com/caa/about/ethics/principles-ethical-conduct>

**Wednesday September 21**  
Guest Lecture (TBC): Kent Ayoungman

*Required Reading:*

Two Bears, Davina R.

2006 Navajo Archaeologist is not an Oxymoron. *American Indian Quarterly* 30(3&4).

**Friday September 23**  
Indigenous Archaeology/Decolonizing Archaeology  
Guest Lecture: Kevin Black Plume

**Monday September 26**  
Peopling of the Americas

*Optional Readings:*

Davis, Leslie G. et al.

2019 Late Upper Paleolithic Occupation at Cooper's Ferry, Idaho, USA, ~16,000 years ago. *Science* 365, 891–897.

Fiedel, S.J. et al.

2020 Pioneers from Northern Japan in Idaho 16,000 Years Ago? A Critical Evaluation of the Evidence from Cooper's Ferry. *PaleoAmerica* 7(1):28–42.

Davis, L.G. et al.

2021 Response to Review of “Late Upper Paleolithic Occupation at Cooper's Ferry, Idaho, USA, ~16,000 years ago”. *PaleoAmerica* 7(1):43-52.

**Wednesday September 28**  
The Evidence for Pre-Clovis

**\*\*Friday September 30 National Day for Truth and Reconciliation NO CLASS**

**Monday October 3**

Clovis

*Required Reading:*

Kooyman, Brian, Len V. Hills, P. McNeil and Shayne Tolman  
2006 Late Pleistocene Horse Hunting at the Wally's Beach Site (DhPg-8), Canada.  
*American Antiquity* 71(1):101-121.

**Wednesday October 5**

***MIDTERM #1***

**Friday October 7**

Folsom and Plainview

**\*\*Monday October 10 Thanksgiving NO CLASS**

**Wednesday October 12**

Goshen and Plano Traditions

**Friday October 14**

Middle Period Overview and Trends

**Monday October 17**

The Early Middle Period on the Northern Plains

**Wednesday October 19**

The Early Middle Period on the Central and Southern Plains

**Friday October 21**

Guest Lecture: Jeremy Leyden

*Required Reading:*

Leyden, Jeremy and Alison Landals  
2017 The Wearmouth Buffalo Jump: A Stratified Protohistoric Site on Lower  
Jumpingpound Creek, Alberta. In *After the Flood: Investigations of Impacts to  
Archaeological Resources from the 2013 Flood in Southern Alberta*, edited by  
Trevor R. Peck, pp. 58-72. Occasional Paper No. 37. Archaeological Survey of  
Alberta, Edmonton, Alberta.

**Monday October 24**

Hypsithermal Period Overview

*Required Reading:*

Oetelaar, Gerald A. and Alwynne B. Beaudoin

2016 Evidence of Cultural Responses to the Impact of the Mazama Ash Fall from Deeply Stratified Archaeological Sites in Southern Alberta, Canada. *Quaternary International* 394:17-36.

*Optional Reading:*

Savage, Candace

2006 Eight Thousand Years Down. *Canadian Geographic* 126(6):81-88.

**Wednesday October 26**

Late Middle: Oxbow

**Friday October 28**

Late Middle: McKean

*Required Reading*

Lanoë, F.B., M.N. Zedeño, D.R. Soza, A.M. Jansson, and Blackfoot THPO

2020 McKean in the Northern Rocky Mountain Front: Economic Landscape and Ethnogenesis. *Plains Anthropologist* 65(255):227-248.

**Monday October 31**

Middle to Late Period Transitions

Pelican Lake

**Wednesday November 2**

Plains Woodland

**Friday Nov 4**

*Midterm #2*

**\*\*November 7-11 Reading Week NO CLASS**

**Monday November 14**

Northern Plains Woodland, Besant/Sonota

*Required Reading:*

Walde, Dale A.

2013 The Bow and Cultural Complexity of the Canadian Plains. *Evolutionary Anthropology* 22:139–144.

**Wednesday November 16**

Plains Village – Overview

**Friday November 18**

Northern Plains Village, Middle Missouri

**Friday November 18**

*Reading Assignment Due 6 pm via DropBox*

**Monday November 21**

Late Period: Avonlea

**Wednesday November 23**

Late Period: Old Women's

*Required Reading:*

Amundsen-Meyer, Lindsay M.

2015 Creating a Spatial Dialogue: A'kee Piskun and Attachment to Place on the Northwestern Plains. *Plains Anthropologist* 60(234):124-149.

**Friday November 25**

The Big Kill

*Required Reading:*

Brink, Jack W. and Bob Dawe

2003 Hot Rocks as Scarce Resources: The Use, Re-Use and Abandonment of Heating Stones at Head-Smashed-In Buffalo Jump. *Plains Anthropologist* 48(186):85-104.

**Monday November 28**

Late Period: Mortlach/One Gun

**Wednesday Nov 30**

Late Period: Ethnic Links

*Required Readings:*

Amundsen-Meyer, Lindsay and Jeremy Leyden

2020 Set in Stone: Re-examining Stone Feature Distribution and Form on the Northwestern Plains. *Plains Anthropologist* 65(255):175-202.

Peck, Trevor R.

2002 Archaeologically Recovered Ammonites: Evidence for Long-Term Continuity in Nitsitapii Ritual. *Plains Anthropologist* 47(181):147-164.

**Friday December 2**

In Practice – Excavations at EePf-54

**Monday December 5**

Protohistoric Period

*Required Reading:*

Meyer, Dan and Lindsay Amundsen-Meyer

2017 Excavations at EePj-103 (Margaret's Site) on the Bow River: A Stratified Protohistoric and Historic Site in Southern Alberta. In *After the Flood: Investigations of Impacts to Archaeological Resources from the 2013 Flood in Southern Alberta*, edited by Trevor R. Peck, pp. 41-53. Occasional Paper No. 37. Archaeological Survey of Alberta, Edmonton, Alberta.

**Wednesday December 7**

Historic Period

**FINAL EXAM: TBD (Registrar Scheduled)**