
**ARKY 329 (LEC01)
Fringe Archaeology
GFC Hours 3-0
Fall 2023**

Instructor:	Armando Anaya-Hernandez	Lecture Location:	ENE 239
Email:	armando.anayahernand@ucalgary.ca	Lecture Days/Time:	Tue/Thurs 3:30-4:45 p.m.
Office Hours:	By appointment only		
Teaching Assistant:	Ayoola Oladele		
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Prerequisite(s): None.

COURSE DESCRIPTION

Myths and misinformation about the past abound. In this class, we will explore popular, fantastic, and alternate interpretations of archaeological sites and remains presented in the press and popular media and analyze the logical flaws in pseudo-scientific explanation. Students will hone their critical thinking skills and discover the “real story” about our past revealed by the science of archaeology.

LEARNING OUTCOMES:

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

Upon completion of this course, students should be able to:

- Enhance critical thinking skills
- Discuss the basics of the scientific method
- Understand the difference between pseudo-science and science
- Identify the important and reliable sources of data
- Understand basic archaeological practices
- Understand the basics of world prehistory

READINGS AND TEXTBOOKS:

- **Required Text: *Frauds, Myths, and Mysteries: Science and Pseudoscience in Archaeology, 10th edition***, by Kenneth L. Feder, Oxford University Press (Dec. 19, 2019). Supplemental student resources are available through Oxford University Press at: https://learninglink.oup.com/access/feder10e-student-resources#tag_all-chapters.
- Links to additional recommended articles and materials and a complete reading list will be provided on D2L.

REQUIRED TECHNOLOGY and EQUIPMENT:

- A computer with a supported operating system and broadband internet connection to access the Desire2Learn (D2L) course page.
- A current and updated web browser and word processor.

COURSE REQUIREMENTS AND ASSESSMENT

- Two midterm exams, worth 35% each, total 70%
Midterm exams consist of multiple-choice questions and fill-in-the-blank.
- One exam on the final day of class, worth 15%
The final exam consists of multiple-choice questions.
- Online questions regarding films, worth 15%

1) **Midterm Exams: (Oct. 12; Nov. 23) 35% Each; 70% of Final Grade**

The class will feature two in-person midterm exams, combined for 70% of the final grade. The exams will be held during regular class time and consist of multiple choice and fill-in-the-blank questions. The closed-book exams will cover lecture materials, text chapters, and information related to selected films viewed in-class. Midterm 1 (Oct. 12) will cover *Frauds, Myths, and Mysteries* Chapters 1-5. Midterm 2 (Nov. 23) will include information from *Frauds, Myths, and Mysteries* Chapters 6-10. Study guides will be uploaded to D2L prior to midterm dates.

2) **Final Exam: (Dec. 5) 15% of Final Grade**

One in-person final exam, worth 15% of the final grade, will be given during the last class meeting on December 5. The closed-book exam will incorporate information from *Frauds, Myths, and Mysteries* (chapters 11 and 12) and related lecture material. A study guide will be uploaded to D2L prior to the final exam.

3) **Film Responses: (Sep. 26; Nov. 9) 7.5% Each, 15% of Final Grade**

Students will be responsible for watching two short documentaries outside of regularly scheduled class time (*First Faces of America*, PBS 2018; *Ancient Skies: Gods and Monsters*, PBS 2019) and providing responses through D2L. Film links will be posted on D2L from Sep. 21-26 (Film 1) and Nov. 7-9 (Film 2) accessible through the University of Calgary Film on Demand. Students will have 120 minutes to watch and answer 10 multiple choice questions accessible through D2L→Assessments→Quizzes and are welcome to answer the questions with the film(s). The two responses will total 15% of the final grade. Late submissions will be deducted 5% per day, including weekends, without prior instructor approval.

Exam Deferral Policy

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 may differ significantly (in form and/or content) from the regularly scheduled test/exam. 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.

Regarding Documentation

Students may 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. 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.

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 extra credit or 'make up' work is available in this class*****
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

Desire2Learn (D2L):

All course materials and information, as well as unofficial grades, will be posted on D2L.

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.

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. 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

CLASS SCHEDULE

*Please note that class schedule is tentative and subject to change.

ARKY 329, Fringe Archaeology: Tuesdays and Thursdays 15:30 – 16:45

Date	Topic	Readings
T Sep 5	Class Introduction	N/A
R Sep 7	Science, Pseudoscience and Archaeology	Feder Chapter 1
T Sep 12		
R Sep 14	Epistemology: How do you know what you know?	Feder Chapter 2
T Sep 19		
R Sep 21	Anatomy of an Archaeological Hoax	Feder Chapter 3
T Sep 26	Film Response #1 (First Faces of America)	
R Sep 28	Piltdown Man and Human Evolution	Feder Chapter 4
T Oct 3		
R Oct 5	The Earliest Americans/What DNA can tell us about the first people	Feder Chapter 5/film
T Oct 10		
R Oct 12	First Midterm	N/A
T Oct 17	After the First Nations, but before Columbus/Vikings in the Americas	Feder Chapter 6
R Oct 19		
T Oct 24	Myth of the Moundbuilders / Cahokia	Feder Chapter 7
R Oct 26		
T Oct 31	Atlantis, Apocalypse Theories, and Minoan Civilization	Feder Chapter 8
R Nov 2		
T Nov 7	Chariots of the Gods / Archaeology and Aliens / Nazca Lines	Feder Chapter 9
R Nov 9		
Nov 12-18	Term Break, no classes	
T Nov 21	The Mystery of Ancient Civilizations/Stonehenge	Feder Chapter 10 /Film
R Nov 23	Second Midterm	N/A
T Nov 28	Psychic and New Age Archaeology / Crystal Skulls / Maya Calendar	Feder Chapter 11 and 12
R Nov 30		
T Dec 5	Final Exam	N/A

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>