

DEPARTMENT OF ANTHROPOLOGY AND ARCHAEOLOGY

University of Calgary

ARKY 453

Winter 2016

Fundamentals of Geoarchaeology

Time: T/R 14:00-15:15

Labs: T 15:30-17:15, R 15:30-17:15

Class Location: ES 859

Lab Location: ES 907A

Instructor: Dr. A. Freeman

Office Hours: TBA

Email: freeman@ucalgary.ca

Office: ES 842

Phone: 403-220-2792

TA: Matt Abtosway

Office Hours: TBA

Email: mdabtosw@ucalgary.ca

Office: TBA

Phone: TBA

Course Description

Analytical methods used in geoarchaeology. The interpretation of site and regional context, provenance, and paleoenvironment, and the application of dating methods, chemical and isotopic methods, and remote sensing. Case studies and experiential learning through field examples.

Experiential laboratory learning will be held on Tuesdays and Thursdays from 3:30-5:20pm. The lab will rarely last more than one hour, but students may stay for help from 4:30-5:20 pm. Students are required to attend either the Tuesday (Lab 1) or the Thursday (Lab 2) laboratory session. The labs are held in ES 859, unless otherwise announced. Lab materials will be handed out during laboratory sessions. Some materials may be available on D2L in advance of the session.

Required Textbook: Geoarchaeology: The Earth Science Approach to Archaeological Interpretation, by George R. (Rip) Rapp and Christopher Hill, 2nd edition, Yale Univ. Press. (R&H)

Required Lab Manual: Geoarchaeology Laboratory Manual, by A. Freeman (to be posted to D2L)

Recommended Texts: Goldberg, Paul and R.I. Macphail (2006). Practical and Theoretical Geoarchaeology. Blackwell Publishing. (G&M); Additional Readings will be available in the Archaeology Reading Room (RR).
Stein, Julie and William R. Farrand (1992). Sediments in Archaeological Context or Waters, Michael R. (1992) Principles of Geoarchaeology.

Lecture Schedule: Posted to D2L, subject to change.

Course Evaluation

Your grade in the course will be based on the following components:

Midterm 1 - 25%, Feb 11

Midterm 2 - 25%, Mar 17

Quiz - 8%, April 7

Course Paper - 10%, April 12

Labs - 32% (8 labs x 4% each), schedule TBA

Grade Breakdown

A+ 96.5-100% B+ 86.5-89.49 C+ 76.5-79.49 D+ 65-69.49

A 92.5-96.49 B 82.5-86.49 C 72.5-76.49 D 59.5-64.99

A- 89.5-92.49 B- 79.5-82.49 C- 69.5-72.49 F <59.5 or failure to complete all course components

Grade	Grade Point Value	Description
A+	4.00	Outstanding
A	4.00	Excellent-superior performance, showing comprehensive understanding of subject matter
A-	3.70	
B+	3.30	
B	3.00	Good - clearly above average performance with knowledge of subject matter generally complete
B-	2.70	
C+	2.30	
C	2.00	Satisfactory - basic understanding of the subject matter
C-	1.70	Receipt of a grade point average of 1.70 may not be sufficient for promotion or graduation. (See individual undergraduate faculty regulations.)
D+	1.30	
D	1.00	Minimal pass - marginal performance; generally insufficient preparation for subsequent courses in the same subject
F	0	Fail - unsatisfactory performance or failure to meet course requirements

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, instructors can and may use writing and the grading thereof as a factor in the evaluation of student work. The services provided by the Writing Centre in the Effective Writing Office can be utilized by all undergraduate and graduate students who feel they require further assistance.

Student Accessibility Services Accommodations

Student Accommodations. Students needing an Accommodation because of a Disability or medical condition should contact Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities available at http://www.ucalgary.ca/policies/files/policies/procedure-foraccommodations-for-students-with-disabilities_0.pdf.

It is the responsibility of the student to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with Student Accessibility Services, please contact their office at (403)220-8237.

Students who have not registered with Student Accessibility Services are not eligible for formal academic accommodation. Students are also required to discuss their needs with the instructor no later than fourteen (14) days after the start of the course.

Academic Misconduct

Academic dishonesty is an unacceptable activity at the University of Calgary and students are strongly advised to read the Student Misconduct section of the University Calendar. Quite 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 proper referencing
- 3) Using work completed for another course

This activity will not be tolerated and students conducting themselves in this manner will be dealt with according to the procedures outlined in the University Calendar.

For detailed information on what constitutes academic misconduct, please refer to the following link: <http://www.ucalgary.ca/pubs/calendar/current/k-2-1.html>

Emergency Evacuation Assembly Points

In the event of an emergency that requires evacuation, please refer to the following link to become familiar with the assembly points for the class: <http://www.ucalgary.ca/emergencyplan/assemblypoints>

USRI

At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses. Your responses make a difference, please participate!

Website: <http://www.ucalgary.ca/usri/>

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.

Please refer to the following link for detailed information:

<http://www.ucalgary.ca/secretariat/system/files/foip%20overview.pdf>

The Department of Anthropology and Archaeology's FOIP (Freedom of Information and Privacy) policy requires all reports/examinations to be returned to students during class time or the instructor's office hours. Any term work not picked up will be placed in the Anthropology and Archaeology Office (ES620) for distribution. Any student not wishing to have their work placed in the office must make alternate arrangements with the course instructor early in the term.

Safewalk Information

Campus Security, in partnership with the Students' Union, provides the Safewalk service, 24 hours a day to any location on Campus including the LRT, parking lots, bus zones and University residences. Contact Campus Security at (403) 220-5333 or use a help phone, and Safewalkers or a Campus Security Officer will accompany you to your campus destination.

Faculty of Arts Program Advising and Student Information Resources

- Have a question, but not sure where to start? The new Faculty of Arts Program Information Centre (PIC) is your information resource for everything in Arts! Drop in at SS110, call us at 403-220-3580 or email us at artsads@ucalgary.ca. You can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate> which has detailed information on common academic concerns.
 - For program planning and advice, contact the Student Success Centre (formerly the Undergraduate programs Office) at (403) 220-5881 or visit them in their new space on the 3rd Floor of the Taylor Family Digital Library.
 - For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at (403) 210-ROCK [7625] or visit them at the MacKimmie Library Block.
- Contact for Students Union Representatives for the Faculty of Arts:
arts1@su.ucalgary.ca
arts2@su.ucalgary.ca
arts3@su.ucalgary.ca
arts4@su.ucalgary.ca

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