



# INTRODUCTION TO ARCHAEOLOGY

**ARKY 201**  
**Spring 2021**

**Instructor: Jeremy Leyden**  
**Department of Anthropology and Archaeology**

**May 5 – June 17, 2021**  
**Web-based course**

## COURSE DESCRIPTION

This course is designed to introduce students to the theoretical constructs and basic analytical methods used in contemporary archaeological research. It will offer a general overview of the ways in which archaeologists investigate past cultures through the material remains that they leave behind and via the implementation of detailed, systematic 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, personalities and investigations that have broadened our knowledge of the human past. In the labs, students will complete online exercises dealing with the recovery, recording, classification and interpretation of archaeological information and materials.

## LEARNING OUTCOMES

By the end of this course, students should be able to:

- 1) Describe how archaeologists are able to reconstruct the past from material remains.
- 2) Grasp the historical development of the field of archaeology, as well as the range of theoretical approaches and methods used in archaeology today.
- 3) Knowledgeably debate ethical issues in contemporary archaeology.
- 4) Understand the archaeological research process, from the conceptualization of

**Office:** ES744

**Office Hours:** Mondays 11am – 12pm via zoom or by scheduled zoom appointment.

**Email:** [jeremy.leyden@ucalgary.ca](mailto:jeremy.leyden@ucalgary.ca)

### LECTURES

**Synchronous Lectures:**

Weds (May 5) 9:00-10:00AM (*Introduction*)

Mon (May 10,17,31; June 7,14) 9:00-11:00 AM,

**Asynchronous Lectures:**

Weds (May 12,19,26; June 3,10,17) posted to D2L

**LABS:** Katie Vanderkolk (Head TA)

**Email:** [kaitlyn.vanderkolk@ucalgary.ca](mailto:kaitlyn.vanderkolk@ucalgary.ca)

**Synchronous Labs:**

Thurs (May 13,20,27; June 3,10,17) 9:00-11:45AM

**Asynchronous Labs:**

Tues (May 18,25; June 1,8,15) posted to D2L

**Supplemental:** Katelyn O'Keefe (TA)

**Email:** [kjokeefe@ucalgary.ca](mailto:kjokeefe@ucalgary.ca)

(Details provided in class)

Any emailed questions should be first directed to the instructor, and should be referred to the TAs only as necessary or should the instructor fail to respond in a timely fashion. Emails will be responded to from 9 AM to 5 PM on weekdays. Please expect 24 hours for a response. If more than 24 hours have passed with no reply, check the email address and re-send. Please use your UCalgary email address for course business.

**Required Text:**

Kelly, Robert L. and David Hurst Thomas

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

archaeological research questions to the dissemination of findings.

## Course Learning outcomes in relation to Program Learning Outcomes

Course Learning Outcomes	PLO(s)*	Level(s)**
Describe how archaeologists are able to reconstruct the past from material remains	DK1, R6; CM8; E9; A2, 3	1
Grasp the historical development of the field of archaeology, as well as the range of theoretical approaches and methods used in archaeology today.	DK1; CM8; E10; A3	1
Knowledgeably debate ethical issues in contemporary archaeology.	DK1, 2, 3; R5; CM8; E9, 10; A3	1
Understand the archaeological research process, from the conceptualization of archaeological research questions to the dissemination of findings	DK2, 4; CM8; E9, 10; A3	1

**\*PLOs=Program Learning Outcomes: Disciplinary Knowledge (DK):** 1. Demonstrate an understanding of the basic concepts, history, terminology, methods, theoretical perspectives, issues, and contemporary concerns in their respective field. 2. Show familiarity with how their field relates to other academic disciplines. 3. Think critically about how the knowledge and skills acquired in their program can be applied to major issues in contemporary society and the student's own life. 4. Continue to engage in the disciplinary community. **Research (R):** 5. Conceptualize, design, and implement research for the generation of new knowledge or understanding within the discipline (Council of Ministers of Education, 2007). **Communication (CM):** 8. Present and discuss ideas and information in a format appropriate for a specific audience. **Ethics (E):** 9. Demonstrate an understanding of, and commitment to, ethical conduct within the field. 10. To think holistically, empirically, comparatively, and with cultural sensitivity. **Archaeology (A):** 2. Use appropriate analytical methods to understand past human cultures. 3. Develop cross-cultural sensitivity with regard to the management of, and research into, material remains and cultural heritage.

**\*\*Levels:** 1. Foundation, 2. Intermediate, 3. Advanced.

## STATEMENT OF LAND ACKNOWLEDGEMENT

*We work on the traditional territories of the people of Treaty 7, which includes the Blackfoot Confederacy comprising members of the Siksika, Piikani, and Kainai First Nations; the Tsuu t'ina First Nation, and the Stoney Nakoda comprising members of the Chiniki, Bearspaw, and Wesley First Nations. The City of Calgary is also home to the Métis Nation of Alberta, Region III.*

## EVALUATION METHODS

This class will be assessed through both lecture (60%) and laboratory (40%) activities. Lecture assessments will be conducted via five (5) online quizzes, an archaeological survey assignment and a registrar scheduled final examination. The lab assessments will consist of two components: a series of activities/assignments/quizzes associated with each lab (10 total), and one final lab project. The course components will be weighted as follows:

### Assessment Components

LECTURES		
D2L quizzes (5 quizzes)	20%	(4% each)
Survey potential assignment	15%	March 19, 2021
Final Exam	25%	Scheduled by the Registrar
LABS		
Lab activities/assignments (10 activities)	25%	(2.5% each)
Final Project	15%	

Examination formats will vary, and may consist of some combination of matching concepts in columns, multiple choice, definitions, and/or short answer. Quizzes/assignments will be focused upon the

lecture/lab content and supplementary assignments covered during the learning period preceding each quiz/exercise, but may necessarily build upon concepts and information that have been presented throughout the class. The final examination will cover the breadth of the course including all lectures, labs, previous exams/quizzes and supplementary assignments. It will be a closed book exam.

## **ASSESSMENT FORMAT AND DEADLINES**

### **Lectures**

1. D2L Quizzes (20% total, 4% each)

Five 15 minute open-book, multiple-choice quizzes each worth 5% will be administered through D2L following lectures on May 12, 19, 26 and June 2 and 9. The quizzes will be posted on D2L from 4 PM on the Wednesday after the lecture to 4 pm the following Friday (48-hours). Once you start, you will have a maximum of 15 minutes to complete each quiz. Each quiz addresses material from the previous week only (including lecture, discussion, and any materials posted on D2L). You must start and finish the quiz in one continuous attempt; you cannot continue the quiz at a later point and will not be able to log in to the quiz more than once. Unanswered questions will be marked as 0. You must provide advance notice to the instructor if you are unable to take an exam. Deferred exams may be allowed.

2. Survey/Potential Assignment (15%)

Students will be responsible for writing a one-page assessment of archaeological potential for a hypothetical development project and providing recommendations for the project, following completion of the lecture module on archaeological survey and cultural resource management. The Survey/Potential assignment is due by 6 PM on June 9, submitted through Drop Box on D2L. Any sources consulted must be referenced appropriately following the Society for American Archaeology (SAA) reference style. Additional details and instructions will be provided to students in class and on D2L.

3. Final Exam (25%)

The final exam will be two-hour exam administered through D2L. The date of the exam will be scheduled by the Registrar. The exam will be available online for 24-hour period; you must log on to D2L during this time to write the final exam. This exam is cumulative, including material from all prior course lectures, posted D2L materials, readings, audio-visual components and discussions. The exam may include multiple choice, true/false, fill in the blank, matching, and/or short answer questions.

### **Labs**

4. Lab Activities/Assignments (25% total, 2.5% each)

Throughout the course of the semester, students will complete 10 lab activities/assignments each associated with one live or online lab. Lab activities/assignments will vary based on the particular topic and needs of each lab. Detailed instructions will be provided in each lab session. Lab activities/assignments for each week are due prior to the start of lab (9 am) the following Tuesday. All lab assignments must be submitted in the appropriate DropBox on D2L.

5. Final Project (15%)

Students will complete a final lab project, using skills learned throughout the lab to solve and interpret an archaeological program. Students will be provided with a practical archaeology problem, including description of an archaeological site, excavation data and appropriate site maps and tables. Students will then be required to interpret the data provided and reconstruct the archaeological past represented. Detailed instructions will be provided in an assignment handout

on D2L. The Lab Final Project is due by 6 PM on June 18, and must be submitted through the appropriate DropBox on D2L.

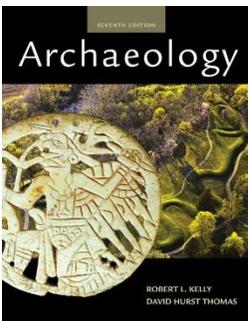
## Grade Assessment

In this class, grades are assigned according to the following chart:

Percentages	Letter grade	Interpretation
95-100%	A+	<i>Outstanding performance.</i>
90-94.9%	A	<i>Excellent performance.</i>
85-89.9%	A-	<i>Approaching excellent performance.</i>
80-84.9%	B+	<i>Exceeding good performance.</i>
75-79.9%	B	<i>Good performance.</i>
71-74.9%	B-	<i>Approaching good performance.</i>
67-70.9%	C+	<i>Exceeding satisfactory performance.</i>
63-66.9%	C	<i>Satisfactory performance.</i>
59-62.9%	C-	<i>Approaching satisfactory performance.</i>
55-58.9%	D+	<i>Marginal pass. Insufficient preparation for subsequent courses in the same subject.</i>
50-54.9%	D	<i>Minimal pass. Insufficient preparation for subsequent courses in the same subject.</i>
<50%	F	<i>Failure. Did not meet course requirements.</i>

## TEXTBOOK

There is a required textbook for the course: **Kelly, Robert L. and David Hurst Thomas 2017 Archaeology (Seventh Edition). Cengage Learning, Boston.** Weekly readings will be assigned from this sources and are a required component of the class.



Limited hardcopies, including used versions are available through the bookstore. Ebook copies are available through the University of Calgary bookstore and other sources.

[https://www.campusbookstore.com/integration/AccessCodes/default.aspx?bookseller\\_id=12](https://www.campusbookstore.com/integration/AccessCodes/default.aspx?bookseller_id=12)

## COMMUNICATION AND LOGISTICS

Synchronous lectures will be presented every Monday (and also Wednesday May 5) from 9:00-11:00 AM via Zoom (excepting for holidays). Synchronous labs will be presented every Thursday from 9:00-11:45

AM. Attendance at synchronous lectures and labs is expected and will allow participants to ask the instructor/TAs general interest questions about class content and evaluation. If a question is specific to an individual situation (e.g., missed lectures), please do not ask it in the context of the synchronous classes; but instead attend virtual office hours or get in touch with your instructor or TA by email.

Students are responsible for all materials covered in the lectures and labs whether offered via synchronous or asynchronous participation, as well as any assigned material posted on D2L including videos, podcasts, and supplementary readings. Lecture slides will be posted to D2L immediately prior to each lecture and lab, however, please **attend synchronous components of the course prepared to take notes** as all material from the lectures and labs are testable and the slides alone will not necessarily contain all of the information required to understand various concepts or to obtain a good grade.

For additional detailed course information posted by the instructor, visit the course Desire2Learn (D2L) page online at <https://d2l.ucalgary.ca/d2l/home>

The instructor will hold live virtual office hours over Zoom on Mondays from 11:00 AM to 12:00 PM. Students will be asked to wait in the virtual waiting room and will be addressed in the order in which they enter the waiting room. Zoom appointments may also be requested and scheduled for other time by prior arrangement through email. In-person office hours are not available this semester.

## **LEARNING TECHNOLOGIES AND REQUIREMENTS**

In order to successfully engage in online learning and examinations for this course, please make sure that you have reliable access to the following technology:

- A computer with a supported operating system, as well as the latest security and malware updates
- A current and updated web browser
- A webcam (built in or external)
- A microphone and speaker (built in or external) or headset with microphone
- A stable internet connection.
- Word processing and spreadsheet software (either MS Word and MS Excel, or Google Docs and Google Sheets (built in or external)
- Access to D2L and Zoom, or installation of Zoom client.

### **General Considerations**

Zoom is a video conferencing program that will allow us to meet at specific times for a “live” video conference, so that we can have the opportunity to meet each other virtually and discuss relevant course topics as a learning community. To help ensure Zoom sessions are private, do not share Zoom link or password with others, or on any social media platforms. Zoom links and passwords are only intended for students registered in the course. Zoom recordings and materials presented in Zoom, including any teaching materials, must not be shared, distributed or published with the instructor’s permission.

The use of video conferencing programs relies on participants to act ethically, honestly and with integrity; and in accordance with the principles of fairness, good faith and respect (as per the Code of Conduct). When entering Zoom or other video conferencing sessions (such as MS Teams), you play a role in helping create an effective, safe and respectful learning environment. Please be mindful of how your behavior in these sessions may affect others. Participants are required to use names officially associated with their UCID (legal or preferred names listed in the Student Centre) when engaging in these activities. Instructors/moderators can remove those whose names do not appear on class rosters. Non-compliance

may be investigated under relevant University of Calgary conduct policies (e.g. Student Non Academic Misconduct Policy). If participants have difficulties complying with this requirement, they should email the instructor of the class explaining why, so the instructor may consider whether to grant an exception, and on what terms. For more information on how to get the most out of your Zoom sessions visit: <https://elearn.ucalgary.ca/guidelines-for-zoom/>

If you are unable to attend a Zoom session, please contact your instructor to arrange an alternative activity for the missed session (e.g., to review a recorded session). Please be prepared, as best as you are able, to join class in a quiet space that will allow you to be fully present and engaged in Zoom sessions. Students will be advised by their instructor when they are expected to turn on their webcam (for group work, presentations, etc.).

The instructor may record online Zoom class sessions for the purposes of supporting student learning in this class – such as making the recording available for review of the session or for students who miss a session. Students will be advised of this situation at the outset of the course. These recordings will be used to support student learning only and will not be shared or used for any other purpose. While lecture slides will be posted to D2L immediately prior to scheduled lecture/lab sessions, access to recorded lectures will be provided for asynchronous components of the course only. Access to synchronous lectures must be specifically requested and will only be granted under exceptional circumstances.

## **ATTENDANCE AND DEFERRAL POLICES**

We are in unique global circumstances due to COVID-19 and international events. If emergency circumstances arise, please contact the instructor as soon as possible!

### **Technology Related Concerns**

If you experience a technology failure or computer crash during a quiz or exam, please email the instructor (and copy the email to your TA) as soon as possible following the incident. Document the problem and circumstances as thoroughly as possible, using a phone, camera or screenshot. In most cases, you will be asked to seek help from the Information Technology (IT) department so that they may diagnose the cause of the problem, and in most cases, you will be required to forward the resolution ticket from IT to the instructor (and your TA) before further steps are considered. IT can be reached via email at [itsupport@ucalgary.ca](mailto:itsupport@ucalgary.ca) or by phone at 403-220-5555.

Ordinarily no more than one attempt may be made for an online quiz or exam. If more than one technological failure occurs during a quiz or if there are ongoing emergency circumstances, the instructor or TA may decide to grade the quiz as a proportion of the questions attempted or transfer the percentage weight for a quiz to the final exam. If a technological failure occurs on the final exam, the student may be required to take the exam in a different format (e.g., essay-style questions). Deferral of the final exam requires Registrar approval.

### **Deferred Examinations**

You must provide advance notice to the instructor if you are unable to take an exam. Deferred exams may be allowed in the following circumstances: illness, domestic affliction, or religious conviction. Travel arrangements and misreading of the syllabus are not valid reasons for requesting a deferred exam. If you have missed an exam for a legitimate reason, you will be able to write a “make up” exam as close to the original date as possible. The date and location will be at the convenience of the department, instructor or

teaching assistant. Students need not obtain a passing grade in each component of the course to receive a passing grade overall.

## **Statutory Declarations**

In general, students are expected to bring any reasonable issues that might affect their ability to attend lectures or examinations to the attention of the instructor (or TA) in a timely fashion prior to the activity in question. Failure to attend scheduled exams or quizzes will automatically result in a score of zero. Under specific emergency circumstances accommodation may be possible at the discretion of the instructor if students immediately bring the issue to attention. Under such circumstances, students may be asked to document the issue as necessary and submit a brief statement of record to the course instructor via email. Failure to honestly document circumstances pertaining to such matters may be treated as academic misconduct.

## **ACADEMIC MISCONDUCT AND CONSEQUENCES**

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). Students should also familiarize themselves with University policies regarding non-academic misconduct: <https://www.ucalgary.ca/legal-services/university-policies-procedures/student-non-academic-misconduct-policy>

## **Plagiarism, Cheating, and Student 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 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 Anthropology and Archaeology recommends that they attend Academic Integrity workshops offered through the Student Success Centre: <https://www.ucalgary.ca/student-services/student-success/learning/academic-integrity>

## **INFORMATION ON INSTRUCTOR INTELLECTUAL PROPERTY**

Lectures, demonstrations, performances, and any other course material provided by an instructor include copyright protected works under the *Copyright Act* and all forms of electronic or mechanical recording of

lectures, laboratories, tutorials, presentations, performances, electronic (computer) information, the duplication of course material, and to the translation of recordings or transcriptions of any of these materials to another form by electronic or mechanical means by students is not permitted, except:

- As a formal accommodation as assessed by the Student Accessibility Services and only for individual private study and only at the discretion of the instructor.
- With the permission of the instructor, students without a formal accommodation may audio record lectures, provided that the student and instructor sign a release form available from departmental and faculty offices. A copy of the Release form shall be retained by the instructor and by the department in which the course is offered. Any audio recording by students is permitted only for the purposes of private study by the individual student. Students may not distribute, email or otherwise communicate these materials to any other person.

For any other use, whether by duplication, transcription, publication, sale or transfer of recordings, written approval must be obtained from the instructor for the specific use proposed. Any use other than that described above (e.g. distributing, emailing or otherwise communicating these materials to any other person, constitutes academic misconduct and may result in suspension or expulsion. **Students are encouraged to make notes** of classroom discussions, lectures, demonstrations etc.

Information on Instructor Intellectual Property can be found at: <https://ucalgary.ca/legal-services/university-policies-procedures/intellectual-property-policy>

Information on the acceptable use of electronic resources can be found here: <https://ucalgary.ca/legal-services/university-policies-procedures/acceptable-use-electronic-resources-and-information-policy>

## **FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY ACT**

Freedom of Information and Protection of Privacy (FOIP) legislation in Alberta disallows the practice of having students retrieve assignments from a public place, such as outside an instructor's office, the department office, etc. Term assignments will be returned to students individually, during class or during the instructor's office hours unless they are made available electronically through the course D2L webpage. If students are otherwise unable to retrieve their assignments from the instructor, they must provide the instructor with a stamped, self-addressed envelope to be used for the return of the assignment.

## **ACADEMIC ACCOMODATIONS**

**It is the student's responsibility to request academic accommodations** according to the University policies (<https://www.ucalgary.ca/pubs/calendar/current/b-6-1.html>). Students requesting an Accommodation on the basis of Disability are required to register with Student Accommodation Services (SAS) by submitting a Request for Accommodation in accordance with the *Procedure for Accommodations for Students with Disabilities*:

<https://ucalgary.ca/legal-services/university-policies-procedures/accommodation-students-disabilities-procedure>

SAS will issue a *Letter of Accommodation* which must be presented to either a designated contact person within the Department or the appropriate Instructors within 10 days of the beginning of term. Students needing an accommodation in relation to their coursework or to fulfil requirements for a graduate degree, based on a protected ground other than disability, should communicate this need, preferably in writing, to their Instructor or the Department Head (email: [pcdawson@ucalgary.ca](mailto:pcdawson@ucalgary.ca) ).

## **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.

### **TEACHING EVALUATIONS (USRIs)**

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/>

### **GENERAL SUPPORT AND RESOURCES**

Relevant non-course-specific information (campus safety, health and wellness, occupational/technical assistance) can be found on the Office of the Registrar's website:  
<https://www.ucalgary.ca/registrar/registration/course-outlines>.

Information for students related to **Covid-19** at the University of Calgary can be found at:  
<https://ucalgary.ca/risk/emergency-management/covid-19-response/info-for-students>.