

DEPARTMENT OF ANTHROPOLOGY  
ANTH 2137 FDF Method and Technique in Archaeology  
*Fall 2020*

**Mondays & Wednesdays, 8:30-10:00 am**  
**ZOOM**

Instructor: Dr Timothy Kaiser

### CONTACT INFORMATION

Email: [tkaiser@lakeheadu.ca](mailto:tkaiser@lakeheadu.ca)

Supplementary Course Website: Desire2Learn

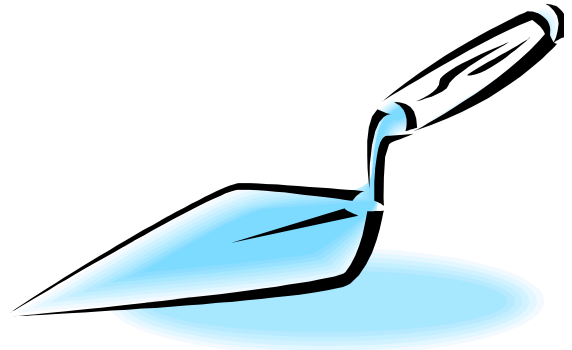
### COURSE DESCRIPTION

An introduction to modern archaeological methods.

Topics include: chronometric dating, archaeological survey and excavation techniques, artifact analysis, environmental archaeology (archaeobotany, geoarchaeology and zooarchaeology), ethnoarchaeology, social archaeology, cognitive archaeology, and the archaeology of ethnicity.

Credit Weight: 0.5

Prerequisite(s): Anthropology 1032 or permission of the instructor



### SUPPLEMENTARY COURSE DESCRIPTION

For the most part archaeologists engage in the scientific, systematic study of past human behavior, which they infer or reconstruct from the material remains of the past. The recovery of ancient material remains (usually through excavation) has led to some remarkable discoveries about the human past. This half-course introduces you to the methods and theories of archaeology – the fundamental concepts and practices that structure all archaeological research.

Using tangible evidence, the material traces of past behaviors or events, archaeologists piece together an understanding of ancient peoples. How is this done? How is the leap made from mute objects to a vivid depiction of life long ago and far away?

This course looks at how information about the past is preserved, how it is recovered, and how it is interpreted. Topics covered include fieldwork, artifact analysis, dating techniques, environmental reconstruction, settlement analysis, and the explanation of change. How do archaeologists deal with topics ranging from the origin of humans to the rise of civilizations? This course surveys their experiences and contributions.

## COURSE OUTCOMES

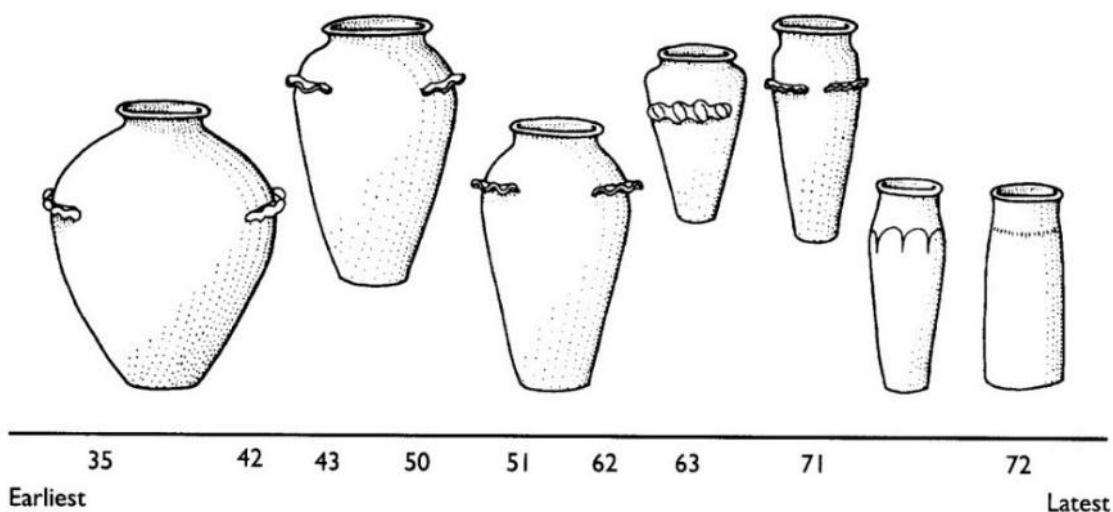
By the end of this course you will be able to:

- demonstrate a practical and conceptual understanding of archaeological method and theory
- articulate general and specific levels of knowledge of the nature of archaeological inquiry
- critically evaluate existing research results and methods of archaeologists present and past

## REQUIRED MATERIALS

T. Douglas Price & Kelly J. Knudson, (2018) *Principles of Archaeology*, 2<sup>nd</sup> ed. New York: Thames and Hudson.

Leah McCurdy (ed.) (2018) *Active Archaeology Notebook*. New York: Thames and Hudson. [This book is free, and is bundled with Price & Knudson.]



## EVALUATION

Component	Value	Date
<p><b>Assignments Set A</b>            From the <i>Active Archaeology Notebook</i>, choose <u>two</u> assignments involving various aspects of archaeological practice from among the following</p> <p>3 – Garbology            4 – On-the-ground            6 – Human time            7 – Store typology</p>	2 x 5% = 10%	Oct 7
<p><b>Assignments Set B</b>            From the <i>Active Archaeology Notebook</i>, choose <u>two</u> assignments involving various aspects of archaeological practice from among the following</p> <p>8 – Campus complexity            13 – Head aches            15 – Clocking change            16 – Seek and you shall find</p>	2 x 5% = 10%	Nov 2
<p><b>Assignments Set C</b>            Cemetery assignment. Analysis of tombstone stylistic change over time. Details to follow.</p>	20%	Nov 25
<p><b>Summaries</b>            For each of five different archaeological methods you will find a recent journal article pertaining to that method and write a two-paragraph summary. Details to follow</p>	5 x 10% = 50%	Second half of term
<p><b>Participation.</b></p>	10%	Continuous



## ANTH 2137 FDF Method & Technique in Archaeology 2020 Course Schedule

This schedule is subject to modification as circumstances require.

Week	Date		Topic, readings and viewings
1	Sept 9	1	Introduction to the course
2	Sept 14	2	Introducing some archaeologists Price & Knudson (2018) <i>Principles of Archaeology</i> , Ch. 1-2. View <i>Principles of Archaeology – Video 1</i> (henceforth “PrinArcVid”) (D2L) View <i>PrinArcVid-2</i> (D2L)
	Sept 16	3	Interpretation <i>Principles</i> , Ch. 3 View <i>PrinArcVid-3</i> (D2L)
3	Sept 21	4	Archaeological questions <i>Principles</i> , Ch. 4
	Sept 23	5	The archaeological record <i>Principles</i> , Ch. 5
4	Sept 28	6	Introduction to field survey and excavation <i>Principles</i> , Ch. 6 Remote sensing
	Sept 30	7	Excavation
5	Oct 5	8	Excavation Watch: <i>Archaeological Methods: Set up a 1m grid square</i> <a href="https://www.youtube.com/watch?v=xNDFdzQzqPk">https://www.youtube.com/watch?v=xNDFdzQzqPk</a> Watch: <i>Archaeological Methods: How to excavate a Test-Pit</i> <a href="https://www.youtube.com/watch?v=k_Itaza4lUA">https://www.youtube.com/watch?v=k_Itaza4lUA</a>
	Oct 7	9	Classification <i>Principles</i> , Ch. 7
	Oct 13-16		STUDY BREAK
6	Oct 19	10	Dating <i>Principles</i> , Ch. 8 J. Deetz and E.S. Dethlefsen (1967) <i>Deaths Head, Cherub, Urn and Willow</i> . <a href="http://www.histarch.illinois.edu/plymouth/deathshhead.html">http://www.histarch.illinois.edu/plymouth/deathshhead.html</a>  View <i>Renfrew Video - Radiocarbon</i>

	Oct 21	11	Dating, continued Richter, D. et al. (2017) The age of the hominin fossils from Jebel Irhoud, Morocco, and the origins of the Middle Stone Age. <i>Nature</i> 646 (7657)
7	Oct 26	12	Geoarchaeology <i>Principles</i> , Ch. 9
	Oct 28	13	Lithic analysis <i>Principles</i> , Ch. 10
8	Nov 2	14	Ceramic analysis <i>Principles</i> , Ch. 11
	Nov 4	15	
9	Nov 9	16	Archaeobotany <i>Principles</i> , Ch. 12
	Nov 11	17	Archaeozoology <i>Principles</i> , Ch. 13
10	Nov 16	18	Bioarchaeology <i>Principles</i> , Ch. 14 View <i>PrinArcVid-5</i> (D2L)
	Nov 18	19	Archaeological chemistry <i>Principles</i> , Ch. 15 View <i>PrinArcVid-4</i> (D2L)
11	Nov 16	20	Social systems and ancient cultures C. Renfrew and P. Bahn (2018) <i>Archaeology Essentials</i> , Ch 5. How were societies organized? (Library Reserve) View <i>Renfrew Video – Social Organization</i> (D2L) View <i>Renfrew Video – Trade</i> (D2L)
	Nov 18	21	Social systems, continued.
12	Nov 23	22	Ethics <i>Principles</i> , Ch. 16 View <i>PrinArcVid-6</i> (D2L)
	Nov 25	23	Research design TBA
	Dec 2	24	Conclusion

## COURSE POLICIES

It is your responsibility to attend classes, do the readings and to complete assignments on time. Regular absences will seriously affect your grade in this course.

In case of un-excused lateness, submissions will have 2% deducted from the mark for every day of lateness. No assignment that is more than ten days late will be accepted.

### Copyright

Lectures and course materials, including power point presentations, outlines, and similar materials, are protected by copyright. You may take notes and make copies of course materials for your own educational use. You may not record lectures, reproduce (or allow others to reproduce), post or distribute lecture notes, wiki material, and other course materials publicly and/or for commercial purposes without my written consent.

All relevant information about the course is on the D2L course site. All assignments must be submitted through the D2L course site. The materials posted on the course D2L site, including any visual and audio recordings, are copyrighted and owned by Dr Tim Kaiser. It is prohibited to record or copy by any means, in any format, openly or surreptitiously, in whole or in part, in the absence of express written permission from Dr Tim Kaiser any of the materials provided or published in any form during or from the course. As an example, students are prohibited from making audio or video recordings of lectures, or taking pictures of lecture material.

That said, in ANTH 2137 FDF Method & Technique in Archaeology, in the context of remote instruction and participation, video and audio recordings of class activities will be made to ensure students' and instructors' easy and comprehensive access to those activities. The recordings are confidential and are intended only for the use of the course students and instructors. They may otherwise not be used or disclosed. During recording, to protect others' privacy, each student should ensure that no one else is present in the location where they are being recorded without that non-student's consent. The recordings are made under the authority of sections 3 and 14 of *The Lakehead University Act, 1965*. Questions about the collection of the images and sounds in the recordings may be directed to Dr Todd Randall, Dean of the Faculty of Science and Environmental Studies.

## ACCOMMODATIONS

Lakehead University is committed to achieving full accessibility for persons with disabilities. Part of this commitment includes arranging academic accommodations for students with disabilities to ensure they have an equitable opportunity to participate in all of their academic activities. If you are a student with a disability and think you may need accommodations, you are strongly encouraged to contact Student Accessibility Services (SAS) and register as early as possible. For more information, please visit <https://www.lakeheadu.ca/faculty-and-staff/departments/services/sas>

## ACADEMIC DISHONESTY

The University takes a most serious view of offences against academic honesty such as plagiarism, cheating and impersonation. Penalties for dealing with such offences will be strictly enforced.

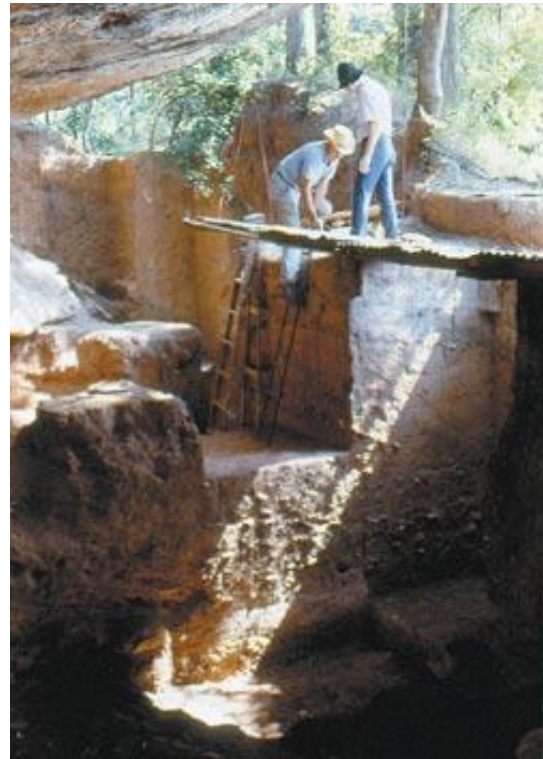
From <https://www.lakeheadu.ca/faculty-and-staff/policies/student-related/code-of-student-behaviour-and-disciplinary-procedures>

Effective May 1, 2019 the [Code of Student Behaviour and Disciplinary Procedures](#) was rescinded and replaced by the:

- [Student Code of Conduct - Academic Integrity](#);
- [Student Code of Conduct - Non-Academic](#); and
- [Student Code of Conduct - Appeal Policy](#).

Effective July 22, 2019 the [Student Code of Conduct - Appeal Policy: Judicial Panel Procedures](#) was also approved and posted to the website.

If you require clarification on which version of the Code is applicable, please contact the Manager, Student Conduct at [studentconduct@lakeheadu.ca](mailto:studentconduct@lakeheadu.ca)



*We respectfully acknowledge that Lakehead University campuses are located on the traditional lands of Indigenous peoples. Lakehead University acknowledges the history that many nations hold in the areas around our campuses, and is committed to a relationship with First Nations, Métis, and Inuit peoples based on the principles of mutual trust, respect, reciprocity, and collaboration in the spirit of reconciliation.*