

DEPARTMENT OF ANTHROPOLOGY
ANTH 1032 WAO Introduction to Biological Anthropology and Archaeology

Winter 2018

Mondays & Wednesdays, 8:30 – 10 am
OA 1033

Instructor: Dr Timothy Kaiser

CONTACT INFORMATION

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Supplementary Course Website: Desire2Learn



COURSE DESCRIPTION

A general introduction to biological anthropology and archaeology. The course covers topics ranging from the biological origin of humans, the appearance of human culture, and the rise of civilization.

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ewcatalog&catalogid=20&chapterid=3127&topicgroupid=9634&loaduseredits=False&pg=1](http://navigator.lakeheadu.ca/Content/Default/Controls/Catalog/ViewCatalog.aspx?pageid=vi
ewcatalog&catalogid=20&chapterid=3127&topicgroupid=9634&loaduseredits=False&pg=1)

SUPPLEMENTARY COURSE DESCRIPTION

In North America, Anthropology is considered to consist of four linked subfields. This half-course introduces two of those subfields, Biological Anthropology and Archaeology. Biological anthropology is concerned with the biological variation of humans and other primates, past and present, and the evolution of that variability. Archaeology in turn is largely concerned with the reconstruction of past events and past human behavior based on the material traces of those behaviors or events. In both sub-disciplines, the study of change is very important. How did *Homo sapiens* become the planet's dominant species? What role did culture play? How were human social relationships created and transformed?

These are big questions; they go to the heart of what it is to be human. We might also ask how anthropologists approach these questions. What is the basis for any claims anthropologists might make about their understanding of humankind?

In this course we will study the methods and theories adopted by biological anthropologists and archaeologists. We will address topics ranging from the origin of humans to the rise of civilizations.

COURSE OUTCOMES

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

- Articulate core concepts in contemporary biological anthropology.
- Articulate core concepts in contemporary anthropological archaeology.
- Articulate an understanding of the structure and transformation of prehistoric societies and cultures
- Analyze regional and cultural diversity in the organization of human societies and the impact of prehistoric cultural contacts and globalization.
- Integrate biological and cultural perspectives on human behavior, social organization, and the environment.

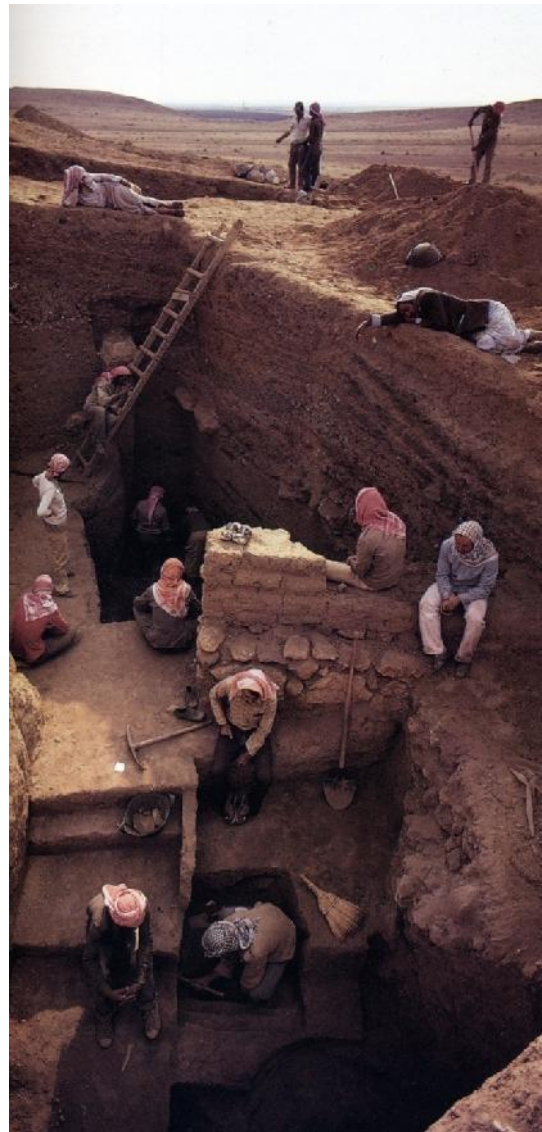
REQUIRED MATERIALS

Ember, C.R., M. Ember, P.N. Peregrine, R.D. Hoppa, K.D. Fowler (2018) *Physical Anthropology and Archaeology*, 4th Canadian Edition. Don Mills: Pearson.

Other materials online.

EVALUATION

1. **Quizzes (60%).** *There will be four short quizzes, on line, to be accessed and completed within a given 24-hr period. Generally, each quiz tests the previous 3 weeks' material, and has as its objective the consolidation of your knowledge. Each quiz is worth 15%.*
2. **Essay (15%).** *A 5-10 page essay on a selected topic in Anthropology. Date: April 4, 2018.*
3. **Final examination (25%).** *Multiple choice and short-answer essay questions. Final examination date and time: TBA.*



ANTH 1032 Course Schedule Winter 2018

(Subject to change as circumstances warrant)

Week	Date	Topic	!	Reading
1	Jan 8	1		
	Jan 10	2		
		Introduction to the course		
		Anthropology's scope		Ember, et al. <i>Physical Anthropology and Archaeology</i> , 4 th Cdn ed. (Henceforth: PAA), Ch. 1
2	Jan 15	3		
	Jan 17	4		
		Overview of archaeological methods		Ember, et al., PAA Ch. 2
		Understanding the past		Ember, et al., PAA Ch. 3
3	Jan 22	5		
	Jan 24	6		
		Classic evolutionary theory		Ember, et al., PAA Ch. 4 http://www.understandingrace.org/humvar/molecular/index.html
		Modern evolutionary theory	Quiz 1	Ember, et al., PAA Ch. 5
4	Jan 29	7		
	Jan 31	8		
		Human variation		Ember, et al., PAA Ch. 6
		Race and racism		http://www.understandingrace.org/humvar/race_humvar.html
5	Feb 5	9		
	Feb 7	10		
		Living primates		Ember, et al., PAA Ch. 7
		Primate ecologies and futures		
6	Feb 12	11		
	Feb 14	12		
		Primate evolution		Ember, et al., PAA Ch. 8
		Planet of the apes	Quiz 2	
Feb 19-23		READING WEEK		
7	Feb 26	13		
	Feb 28	14		
		Early Hominins		Ember, et al., PAA Ch. 9
		Earliest cultural behaviour?		http://humanorigins.si.edu/evidence/human-family-tree http://news.nationalgeographic.com/news/2001/12/1204_hominin_id_2.html
8	Mar 5	15		
	Mar 7	16		
		Genus <i>Homo</i>		Ember, et al., PAA Ch. 10
		Archaic <i>Homo sapiens</i>		
9	Mar 12	17		
	Mar 14	18		
		Modern <i>Homo sapiens</i>		Ember, et al., PAA Ch. 11
		Upper Palaeolithic cultures	Quiz 3	Bar-Yosef, O. (2007) The archaeological framework for the Upper Palaeolithic revolution. <i>Diogenes</i> 214: 3-18.
10	Mar 19	19		
	Mar 21	20		
		Ice Age migrations: to the ends of the earth		Pringle, H.(2011) "The First Americans" https://www.scientificamerican.com/article/the-first-americans/ Watson, T. (2017) "Is theory about peopling of the Americas a bridge too far?" PNAS 114(22): 5554–5557 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5465935/
		Origins of food production		Ember, et al., PAA Ch. 12

Week	Date	Topic		Reading
11	Mar 26	21	Early farming societies of West Asia	Watkins, T. (2010) New light on Neolithic revolution in Southwest Asia. <i>Antiquity</i> 84(325):621-634. Hodder, I. (2006) This old house. <i>Natural History Magazine</i> (June 2006) http://www.naturalhistorymag.com/htmlsite/master.html?http://www.naturalhistorymag.com/htmlsite/0606/0606_feature.html
	Mar 28	22	Origins of cities and states	Quiz 4 Ember, et al., <i>PAA</i> Ch. 13
12	Apr 2		No Class – Easter Monday	
	Apr 4	23	Early civilizations	Essay Due http://www.smithsonianmag.com/history-archaeology/El-Mirador-the-Lost-City-of-the-Maya.html?c=y&page=3#
	Apr 9	24	Applying Anthropology: Retrospect and Prospect	Ember, et al., <i>PAA</i> Ch. 13
TBA		FINAL EXAMINATION		

GRADING SCHEME:

A+	90 to 100%	Outstanding understanding of the course concepts including integration of materials and ideas, ability to apply knowledge to situations
A	80 to 89%	Above average to excellent knowledge, ability to apply knowledge to situations
B	70 to 79%	Satisfactory knowledge including ability to recognise and apply major course concepts, and to progress to next level of course
C	60 to 69%	Some grasp of course concepts; will likely encounter difficulty with higher levels
D	50 to 59%	Failed to meet minimum requirements of the course
E	40 to 49%	Failure
F	1 to 39%	Failure resulting from academic dishonesty
F	0	

COURSE POLICIES

1. It is your responsibility to attend classes and to do the readings. Regular absences will seriously affect your grade in this course.
2. Any important announcements, including changes in due dates, will be announced in-class and posted on Desire2Learn.
3. To aid your review, Powerpoint notes from lectures and other course material will be posted on Desire2Learn at regular intervals.
4. Late work will be subject to a 2%/day deduction in cases of unexcused tardiness.
5. On-line quizzes must be completed within the prescribed period. No make-up quizzes will be offered.

ACCOMMODATIONS

The Student Affairs Office (Orillia) coordinates services and facilitates reasonable academic accommodations for students with disabilities. Academic accommodations are provided on the basis of documentation of a disability. Additional information is available at:

<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. A copy of the "Code of Student Behaviour and Disciplinary Procedures" including sections on plagiarism and other forms of misconduct may be obtained from the Office of the Registrar.

Note: "Plagiarism" shall be deemed to include:

1. Plagiarism of ideas as where an idea of an author or speaker is incorporated into the body of an assignment as though it were the writer's idea, i.e. no credit is given the person through referencing or footnoting or endnoting.
2. Plagiarism of words occurs when phrases, sentences, tables or illustrations of an author or speaker are incorporated into the body of a writer's own, i.e. no quotations or indentations (depending on the format followed) are present but referencing or footnoting or endnoting is given
3. Plagiarism of ideas and words as where words and an idea(s) of an author or speaker are incorporated into the body of a written assignment as though they were the writer's own words and ideas, i.e. no quotations or indentations (depending on format followed) are present and no referencing or footnoting or endnoting is given.

A listing of University Regulations can be found at:

<http://calendar.lakeheadu.ca/current/contents/regulations/univregsintro.html>

The code of student behaviour and disciplinary procedures can be found at:

<http://policies.lakeheadu.ca/policy.php?pid=60>

