

**Anthropology 2112
Human Evolution
Winter 2020**

WHEN IS IT? Wednesdays 7–10 pm
WHERE IS IT? AT 1007
WHO TEACHES IT? Dr. Matthew W. Tocheri

Office: CASES Building FB 1006
Email: mtocheri@lakeheadu.ca
Office Hours: *by appointment* Mondays & Fridays 12:30-2:00pm

Course Description:

The field of paleoanthropology is examined in this course. Students are introduced to comparative primate biology, including behaviour, as a background to examining the fossil evidence for human evolution.

Recommended Textbooks:

Klein RG (2009) *The Human Career*. 3rd Edition. The University of Chicago Press.
ISBN 9780226439655

Whitehead P, Sacco WK and Hochgraf SB (2005) *A Photographic Atlas for Physical Anthropology: brief edition*. Morton Publishing Company, Englewood, CO. ISBN 0895826682

Also see the course D2L site (look in MyCourseLinks on the LU website) for additional resources.

Learning Objectives:

- 1) Understand the basic evolutionary patterns and processes that have shaped primate diversification.
- 2) Learn how humans fit into the natural world through their biological relationships with other living and extinct primates.
- 3) Understand how the hominin fossil record informs the science of human origins.
- 4) Achieve a broader and more informed outlook on what it means to be human.

Evaluation:

Your final grade will be based on the following:

Term Test 1	30%	January 29
Term Test 2	30%	March 4
Final Exam	40%	Final examination period April 6 - 19

Important Dates:

First Day of Classes	Monday, January 6, 2020
Final Day of Classes	Friday, April 3, 2020
Final Date to Register (Add)	Friday, January 17, 2020
Final Date to Withdraw (Drop)	Friday, March 6, 2020
Examination Period	Monday, April 6, 2020 - Sunday, April 19, 2020 (10 days - No exams April 10-13)
Exam Contingency Date	Monday, April 20, 2020
Marks Due	Thursday, April 23, 2020

Please note that **Friday, March 6, 2019** is the last date for withdrawal without academic penalty from this course. Students will have received feedback on 30% of the course mark by that date.

Missed tests cannot be made-up unless official documentation of a reasonable excuse is submitted (e.g. student or family illness, death of family member, car accident). Please note that that going off on holidays or leaving early at the end of term OR similar do not constitute reasonable excuses. Please contact me by email within **48 hours** of any missed due date or test. In case of snowstorm, road closures and warnings – these are acceptable and verifiable reasons to miss class – but again, contact me ASAP.

Students are directed to LU's policy: code of student behaviour and disciplinary procedures that can be found at:

https://www.lakeheadu.ca/sites/default/files/policies_procedures/Student%20Code%20of%20Conduct%20-%20Academic%20Integrity_0.pdf

All students should familiarize themselves with this policy which covers such misconduct as plagiarism, cheating, and disruption of teaching.

PLEASE READ IT!!

Lakehead University is committed to achieving full accessibility for persons with disabilities. Part of this commitment includes arranging academic accommodations for students with disabilities and/or medical conditions 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 contact Student Accessibility Services
<http://studentaccessibility.lakeheadu.ca> (SC0003, 343-8047 or sas@lakeheadu.ca)

Class Schedule – may change as circumstances arise:

Week	Topic	Readings Klein	Readings Whitehead
1	Course Introduction; Overview of Major Trends in Human Evolution; Taxonomy; Osteology	ch 1	ch 2*
2	Nonhuman Primate Morphology, Behavior, Taxonomy, Phylogeny	ch 3 pp 65–96	
3	Dating Methods; Primate Origins; Early Primates; Anthropoid Origins; Early Anthropoids	ch 2 ch 3 pp 97–112	ch 1 and ch 2*
4	Term Test #1	ch 4	
5	Miocene Apes; Early Hominins (Mio-Pliocene); the Origins of Hominin Bipedalism	ch 3 pp 113–130	ch 3
6	Early Hominins (Plio-Pleistocene); the Evolution of Hominin Bipedalism	ch 4	ch 3
7	Early hominins (continued)	ch 5	ch 3
8	Term test #2	ch 5 & 6	
9	<i>Australopithecus afarensis</i> ; the Origins of Technology	ch 5 & 6	ch 3
10	Pre-Modern <i>Homo</i> ; the Middle Stone Age; Control of Fire; the Evolution of Brain Size	ch 5 & 6	
11	The Origins and Evolution of Neandertals and Modern Humans	ch 7	ch 3
12	The Origins and Evolution of Neandertals and Modern Humans (cont'd); REVIEW	ch 8	ch 3
Apr 6-19 Final Exam Period	Final Exam		

* review ch 2 as needed in order to understand the anatomical terminology in both the texts and lectures.