

ANT 101H5S – Spring 2012
INTRODUCTION to BIOLOGICAL ANTHROPOLOGY and ARCHAEOLOGY

Anthropology, University of Toronto Mississauga

Lecture 0101: Mondays & Wednesdays 3:00-4:00 pm, Instructional Building 110

Lecture 0201: Mondays & Wednesdays 4:00-5:00 pm, Instructional Building 110

Tutorials: Thursdays, 8 am to 8 pm, North Building 217 & 223 – see tutorial schedule for times & locations

Instructor	Office	Office Phone	Email	Office Hours
Prof. Heather Miller	HSC 246	905-828-3741	heather.miller@utoronto.ca	Thurs. 12-2 in NE220 or by appointment

Tutorial	Teaching Assistants	Email (all @utoronto.ca)	Office Hours	Office
0101: NE217 8-9 am 0102: NE217 9-10 am	Matthew Mosher	matthew.mosher@utoronto.ca		NE221
0103: NE217 10-11 am 0104: NE217 11-noon	Carolan Wood	carolan.wood@utoronto.ca		NE221
0105: NE217 noon-1 pm 0106: NE217 1-2 pm	Jayne Wilkins	jayne.wilkins@utoronto.ca		NE221
0107: NE217 2-3 pm 0108: NE217 3-4 pm	Laura Eastham	laura.eastham@utoronto.ca		NE221
0109: NE217 4-5 pm 0110: NE217 5-6 pm	Jarred Heinrich	jarred.heinrich@utoronto.ca		NE221
0111: NE217 6-7 pm 0112: NE217 7-8 pm	Stephanie Kozakowski	stephanie.kozakowski@utoronto.ca		NE221
0201: NE223 8-9 am 0202: NE223 9-10 am	Guy Duke	guy.duke@utoronto.ca		NE221
0203: NE223 10-11 am 0204: NE223 11-noon 0205: NE223 noon-1 pm	Travis Steffens	travis.steffens@utoronto.ca		NE221
0206: NE223 1-2 pm 0207: NE223 2-3 pm 0208: NE223 3-4 pm	Sarah Ranlett	sarah.ranlett@utoronto.ca		NE221
0209: NE223 4-5 pm 0210: NE223 5-6 pm 0211: NE223 6-7 pm	Giles Morrow	giles.morrow@utoronto.ca		NE221
0212: NE223 7-8 pm	Rastko Cvekic	rastko.cvekic@utoronto.ca		NE221

COURSE DESCRIPTION

Anthropology, the holistic study of human thought, behaviour, and biology, is composed of four major sub-fields: biological anthropology, archaeology, socio-cultural anthropology and linguistic anthropology. ANT101 covers the first two sub-fields, providing an introductory overview of the study of human biology and the study of the human past. It complements ANT102, Introduction to Socio-Cultural and Linguistic Anthropology; the two courses may be taken in any order.

COURSE OBJECTIVES

1. To understand the importance of both biology and culture in the evolutionary history and the diversity of the human species.
2. To develop skills in observation, classification, reasoning and problem solving.
3. To learn about the way humans and their close relatives (past and present) have lived in the world.

COURSE MATERIALS – REQUIRED

* The course packet is available at the UTM Bookstore

- (1) Lewis, B., R. Jurmain & L. Kilgore. 2010. *Understanding Humans: Introduction to Physical Anthropology and Archaeology*. 10th edition. Centrage Advantage Books. ISBN-10 0495604747 (**textbook**)
- (2) Kappelman, John. 2007. *Virtual Laboratories for Physical Anthropology. Version 4.0*. Wadsworth/Centrage Learning. ISBN-10 049500992X (**CD**)

Two ethnographies are also included in your packet, as 'freebies' – these are not required readings and will not be assigned, but are for additional information and knowledge.

EVALUATION

Midterm test	Wed., Feb. 1 in your enrolled lecture section	20%
Final exam (cumulative)	EXAM PERIOD	40%
Ten (10) exercises during tutorials	ALL WEEKS except first and last	4% each for 40% total

Midterm Test: The midterm test will cover all course material (lecture, practicals/tutorials, readings, CD) up until the midterm date. It will consist of multiple choice and perhaps some matching questions.

You must take the midterm test in the lecture section for which you are enrolled.

Final Exam: The final will be cumulative, and will cover all course material (lecture, practicals/tutorials, readings, CD).

Since the midterm will cover the first half of the course, material covered prior to the midterm will only make up 25% of the final.

The remaining 75% of the final will be drawn from material covered after the midterm.

The final will consist of multiple choice and perhaps some matching questions.

Exercises in Lab Practicals (Tutorials): Students will complete ten (10) exercises during their lab practical sessions, as indicated on the course schedule.

All assigned reading (including the CD) must be completed before the start of the practical; handwritten and printed notes and books may be used, but the CD may NOT be used, and NO laptops or other electronic materials may be used during the exercises (except with special advance permission of the instructor).

Exercise worksheets will be started at the beginning of the practical, and collected by the TA at the end; you must attend the lab practical to receive credit for the exercise.

You must attend your own registered tutorial session to receive credit for the exercise.

NO MAKE-UP exercises will be allowed; see below for procedure if you miss a tutorial due to illness.

MISSED WORK AND MAKE-UPS

No make-up exercises will be given, under ANY circumstances. If you provide a medical or similar university-approved documentation to the instructor (Dr. Miller) at the Monday class after your missed practical session, a make-up credit will be given for the missed exercise. This credit will be the same value as the next recorded exercise mark you receive. (If you miss the last exercise, the last previous exercise mark will be used.) CREDIT WILL ONLY BE GIVEN WITH DOCUMENTATION, which must be received by the instructor by the first lecture after the missed tutorial.

Missed Mid-term Test: It is your responsibility to contact the instructor (Dr. Miller) by email no later than 2 days after the missed test (by Friday, Feb. 3), indicating that you wish to take the scheduled make-up. You must have confirmation from Dr. Miller by email to take the make-up.

****Medical or similar university-approved documentation is necessary to take the make-up.**** The original documentation must be given to Dr. Miller at the mid-term test – no exceptions.

ONE make-up mid-term test will be given on Wed. Feb. 8 (one week after the original test), from 5-6 pm in NE221, for those who have contacted Dr. Miller and have appropriate documentation.

Missed Final Exams must be dealt with through the Registrar's office. Students who cannot write a final examination due to illness or other serious causes must file an [online petition](#) within 72 hours of the missed examination. Original supporting documentation must also be submitted to the Office of the Registrar within 72 hours of the missed exam. Late petitions will **NOT** be considered. If illness is cited as the reason for a deferred exam request, a U of T Medical Certificate must show that you were **examined and diagnosed at the time of illness and on the date of the exam, or by the day after at the latest.** Students must also record their absence on ROSI on the day of the missed exam or by the day after at the latest. Upon approval, a non-refundable fee of \$70 is required for each examination approved.

CONDUCT

Submission of Materials and Tests: When you hand in your exercises in tutorial, you must sign the submission form. The exercise has not been officially submitted until you sign the submission form.

EXERCISES WILL ONLY BE ACCEPTED FROM STUDENTS IN THEIR ENROLLED TUTORIALS.

You must have a **photo ID** for both the midterm and final, and you **must sign the submission form when you turn in your midterm** or no mark for the midterm will be credited.

Tutorials / Lab Practicals: For reasons of safety and security (yours and the lab materials):

- **NO FOOD OR DRINK ALLOWED** in the lab rooms (capped water bottles may be set on the floor).
- **DO NOT TOUCH DEMO SPECIMENS** – your TA will instruct you if you may touch other materials
- **NO BACKPACKS, COATS, or LAPTOPS on tabletops**, to avoid damaging lab materials due to lack of space. Only textbooks, notebooks, and pencil cases are allowed on the tables.
- Attendance will be taken at the start of every tutorial, and exercises will be collected at the end.

Cellphones, Pagers, PDAs, Laptops: All forms of external communication must be turned off during lecture and tutorial.

Please leave the room if you must take a phone call about an urgent situation.

Laptops must be used only for notetaking in lecture. Laptops are NOT ALLOWED in tutorial (above).

Email: All email sent to either the TAs or the Instructors **must have the course number at the start of the header**, then a short note of your request or question, e.g., “ANT101 – missed test due to illness”.

If you do not use this format, your email may not be received, as it may be marked as spam or mis-filed.

You must send email from your utoronto account, and receive mail at that account, to ensure delivery. Please use complete words and sentences, and sign with your name and student number; treat this like a formal business email. CHECK THE SYLLABUS BEFORE YOU EMAIL.

Email with documentation of missed practicals or exams, or concerning other serious issues should be sent to Dr. Miller. All other email should be sent to your TA.

Email is for short questions only – it is not meant as a place for the TA to repeat discussions from tutorial. Please use office hours (real or virtual) for longer questions.

Academic Conduct: Although we will not be doing writing intensive work in this class, the UTM rules of Academic Conduct apply. You may work with other students in preparing for exercises (in many cases, you will be encouraged to do so), but what you submit must be your own work. Be sure you understand the answers you submit; direct copying of answers will result in a zero (0) on the exercise and likely further penalties.

Final Marks are tentative until approved by the Dept. Chair and Dean’s Office, and recorded in the Registrar’s Office.

Students with diverse learning styles and needs are welcome in this course. Please feel free to approach the instructor and/or the UTM AccessAbility Resource Centre (access.utm@utoronto.ca, 905-569-4699, Rm 2047 Davis/South Bldg) as soon as possible for help with any needed accommodations.

Course Schedule

DATE	TOPIC & EXERCISES	READING to be COMPLETED
Jan 2	Introduction to Course; The Practice of Anthropology For more information, if you are interested, see Applying Anthropology (http://www.wadsworth.com/anthropology_d/resources/applied_anthro.html)	<i>Also check Blackboard every week for additional material!</i>
Jan 4	Introduction to the Scientific Method & other Anthropological Approaches; Fieldwork	Text Ch. 1
Jan 5	<u>Practical:</u> Fieldwork; Discussion/Questions about Scientific Method; Questions about <i>Virtual Laboratories</i> CD	CD Lab 1, Part I (Intro to Anth)
Jan 9	The Development of Evolutionary Theory	Text Ch. 2; CD Lab 2, Part I (do finch exercise!)
Jan 11	Heredity and Evolution; Genetic Principles	Text Ch. 3; CD Lab 2, Parts II, III
Jan 12	<u>Practical:</u> EXERCISE 1: Genetic Principles and Genetic Diversity Discussion/questions on Evolutionary Theory & Genetics, CD Lab 2	CD Lab 2, Parts 1, II, III – for Exercise 1
Jan 16	Modern Human Populations: Variation and Adaptation	Text Ch. 4; CD Lab 2, Parts III, IV
Jan 18	Macroevolution: Processes of Evolution in Vertebrates and Mammals	Text Ch. 5 + Appendix A; CD Lab 1, Part II
Jan 19	<u>Practical:</u> EXERCISE 2: Population Genetics & Variation; Discussion/Questions	Complete CD Lab 2 & CD Lab 1, Part II

Jan 23	Overview of the Living Primates Film: <i>Life in the Trees</i> (26 min.; part of Life on Earth series, BBC)	Text Ch. 6 + Appendix A CD Lab 1, Parts II, III; CD Lab 3, Parts I, II; CD Lab 4 all
Jan 25	Living Primate Behaviour (Why is it important for anthropology?)	Text Ch. 7; CD Lab 1, Part IV; CD Lab 5 all; CD Lab 6, Parts I, II
Jan 26	<u>Practical</u> : EXERCISE 3: Living Primates; Discussion/Questions for Midterm	Review CD Labs 1, 3, 4, 5 and 6 (parts assigned)
Jan 30	Review: Genetic Principles, Evolution (plus Intro to Classification for Practical)	REVIEW Text and CD
Feb 1	MIDTERM – in your enrolled lecture section	REVIEW text and CD
Feb 2	<u>Practical</u> : EXERCISE 4: Classification	See Blackboard
Feb 6	Archaeological and Paleoanthropological Methods Film: <i>Becoming Human: First Steps</i> (56 min. - selections, NOVA)	Text Ch. 8; CD Lab 7, Parts I, II
Feb 8	Hominin Origins: Bipedalism; <i>Australopithecins</i> and other relatives	Text Ch. 9 + Appendices A & B; CD Lab 7, Parts III, IV; CD Lab 8 (just skim Part II !) CD Lab 9, Parts I, VI
Feb 9	<u>Practical</u> : EXERCISE 5: Hominin Diet Reconstruction; Bipedalism Discussion/questions on Methods and Hominins, including new fossil finds	Review text & Blackboard Review CD Lab 5, 8, 9
Feb 13	<i>Homo erectus</i> and Contemporaries: Africa and beyond	Text Ch. 10; CD Lab 10 (skim Part II !)
Feb 15	Film: <i>Becoming Human: Birth of Humanity</i> (56 min. - selections, NOVA)	Review Text Ch 10, CD Lab 10
Feb 16	<u>Practical</u> : EXERCISE 6: <i>Homo erectus</i> ; Earliest Stone Tools	Review Text, CD, Blackboard
Feb 20-24	FAMILY DAY & READING WEEK – no class	
Feb 27	Premodern Humans (Neanderthals and Others)	Text Ch. 11; CD Lab 11
Feb 29	Film: <i>Becoming Human: Last Human Standing</i> (56 min. - selections, NOVA)	Review Text Ch. 11, CD Labs 10, 11
Mar 1	<u>Practical</u> : EXERCISE 7: Premodern Humans; Stone tools & other artifacts	Review text, CD, Blackboard
Mar 5	Origin and Dispersal of Modern Humans: Biological Developments	Text Ch. 12, pp. 284-300; CD Lab 12 (skim Part II !)
Mar 7	Origin and Dispersal of Modern Humans: Cultural Developments; Review of Archaeological Methods	Text Ch. 12, pp. 300-310; CD Lab 12; Review Text Ch. 8, pp. 181-187
Mar 8	<u>Practical</u> : EXERCISE 8: Modern Humans – biological and cultural	Review text, CD, see Blackboard
Mar 12	Early Holocene Hunters and Gatherers: Entering the Americas	Text Ch. 13, pp. 312-325; Blackboard
Mar 14	Early Holocene Hunters and Gatherers: Case Studies Paleo-Indian & Archaic; Epi-Paleolithic & Mesolithic; Historic & Modern Hunter-Gatherers	Text Ch. 13, pp. 326-344; Blackboard <i>Optional: Lee ethnography</i>
Mar 15	<u>Practical</u> : EXERCISE 9: Hunters and Gatherers: Making a Living	Review text, see Blackboard
Mar 19	Food Production: Origins & Developments; Early Farmers & Sedentary Villages	Text Ch. 14
Mar 21	FILM: <i>Those Who Came Before</i> (60 min – selections; U.S. Park Service) (Archaeological Methods, Farmers of the American Southwest)	Review text; see Blackboard
Mar 22	<u>Practical</u> : EXERCISE 10: Archaeological Analysis of Pottery (Clues to Farmers and Village life in Ontario and the American Southwest)	Review readings, see Blackboard
Mar 26	The First Civilizations: Definitions, Explanations, and Old World Examples	Text Ch. 15, pp. 388-408
Mar 28	The First Civilizations concluded: review and New World Examples Careers in Anthropology (Film: <i>Anthropology in Practice</i>)	Text Ch. 15, pp. 409-424
Mar 29	<u>Practical</u> : REVIEW for FINAL EXAM	Review all readings, CD Labs
April 9-23	FINAL EXAM: Date, Time & Place to be announced	