COURSE DESCRIPTION AND GENERAL INFORMATION

INSTRUCTOR: Dr. Liza Shapiro
Office Hours: Wed. 11:30-12:30 or by appointment
SAC 5.128  471-7533
liza.shapiro@mail.utexas.edu
Please feel free to make an appointment with me, email me or call me with questions or concerns.

TEACHING ASSISTANT: Angel Zeininger
Office hours: Mon 11:30-12:30 and Thurs 9-10 am
SAC 5.130  471-2720
azeininger@utexas.edu

COURSE MEETING TIME: MTWTHF 10-11:30 SAC 5.172

LABORATORY: There is no separate lab section for this course. Labs will be incorporated into regular class time (lecture/lab schedule).

COURSE WEBSITE: You can access the course website on Blackboard via http://courses.utexas.edu/

COURSE DESCRIPTION:
This course is an introduction to the principles and methods of physical anthropology. Physical anthropology is the study of human beings in a biological context, and seeks to explain our relationship to other primates and to the rest of the natural world. In other words, who are we? How are we unique? How, why, and when did we come to be the way we are?

The study of physical anthropology requires many different types of knowledge. Throughout the course, we will examine anatomical, behavioral, and genetic similarities and differences among living primates, learn the basic mechanisms of the evolutionary process, and trace the pathway of human evolution as reconstructed from the fossil record. The main goal of the course is to obtain a clear understanding of our place in nature. Take a good look at yourself now; by the end of the course, you might see yourself a bit differently.

Lab exercises and assignments will be incorporated into class time and are taught by the teaching assistant. These labs complement the lectures and will greatly enhance your learning experience. You will have the opportunity to examine "hands-on", human and nonhuman primate bones and replicas of fossils, and participate in discussions.

PREREQUISITES: There are no prerequisites for this course.
**GRADING:** Grades are based on the following, and letter grades will be assigned using the +/- grading system.

- Midterm exam: 33.3%
- Final exam (not cumulative): 33.3%
- Laboratory homework, assignments: 33.3%

The format of each exam may vary, but will usually include identifications, multiple choice, and essays.

**MAKE-UP EXAMS WILL NOT BE GIVEN UNLESS YOU HAVE WRITTEN PROOF OF MEDICAL OR OTHER DIRE EMERGENCY** (see course policies below).

**READINGS**

The readings you will need for class include one textbook, nine articles, plus lab readings. The articles and lab readings are all available on Blackboard (http://courses.utexas.edu/). You should do all assigned readings and homework assignments before each lecture and lab, and you should always bring your lab reading, homework and exercise with you to lab.

**TEXTBOOK** (available at the University Co-Op OR as an ebook: nortonebooks.com):


**LAB READINGS AND ASSIGNMENTS** – available on Blackboard under “Assignments”.

**OTHER REQUIRED READING: ARTICLES ON BLACKBOARD** (See “Assignments” on Blackboard at http://courses.utexas.edu/)


LAB POLICIES

Lab in ANT 301 is a hands-on, collaborative, and generally fun experience that usually helps bolster the course grades of students who take it seriously. Labs make up a substantial portion of your overall grade (33%), so it is vital that you are in attendance at each of the five labs (see schedule). There will be no make up labs. Exceptions will be made only 1) with proof of dire emergency or illness, 2) due to observance of a religious holiday, or 3) due to military service.

Your lab performance will be evaluated based on 5 homework assignments and 5 exercises. Homework and exercises are weighted equally, each making up 1/2 of your lab grade. Homework assignments are due at the BEGINNING of each lab meeting, and are designed to help you prepare for lab as you read the assigned course reading materials in advance. Exercises will be completed during the scheduled lab time and are due at the END of each lab meeting.

To prepare for each lab, you are responsible for:
(1) Downloading the lab exercise, homework, and reading assignments. You must print the exercise and homework so you can hand these in to your TA. YOUR TA WILL NOT BRING PRINTOUTS OF MATERIALS TO LAB.
(2) Reading the reading assignment.
(3) Completing the homework assignment.

You may work in small groups to complete lab exercises during the lab meeting. However, there is a major difference between collaboration and plagiarism, and plagiarism will not be tolerated (see the University policy on Scholastic Dishonesty in “Course Policies below). Students who arrive excessively late for lab or who otherwise disrupt lab (e.g.talking/texting/tweeting) will receive no credit for the week's lab assignment.

Important Dates:

June 1
Last day of the official add/drop period for first-term, nine-week, and whole-session classes; after this date, changes in registration require the approval of the department chair and usually the student’s dean.

June 5
Last day to drop a first-term, nine-week, or whole-session class for a possible refund.

June 20
Last day a student may change registration in a first-term, nine-week, or whole-session class to or from the pass/fail or credit/no credit basis.

July 5
Last class day for first-term classes.
Last day to drop a first-term class.
ANT f301 Physical Anthropology (81975)  Summer 2012
Shapiro MTWTHF 10-11:30 SAC 5.172

**LECTURE, LAB, READINGS AND EXAM SCHEDULE**
BS= Boyd and Silk textbook  
ART= article available on course website under “Assignments” (Blackboard  
http://courses.utexas.edu)

<table>
<thead>
<tr>
<th>Date</th>
<th>Title</th>
<th>BS/ART Notes</th>
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<tbody>
<tr>
<td>May 31</td>
<td>Introduction</td>
<td></td>
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<tr>
<td>June 1</td>
<td>Living nonhuman primates - overview</td>
<td>BS: pages xix-xxii, 102-107,110</td>
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<td>June 4</td>
<td>Primate diversity and taxonomy</td>
<td>BS: pages 110-118</td>
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<td>June 5</td>
<td>Primate feeding adaptations</td>
<td>BS: pages 108-109, 118-128</td>
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<tr>
<td>June 6</td>
<td>Primate locomotor adaptations</td>
<td>ART: Locomotion</td>
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<td>June 7</td>
<td>Primate Social Behavior</td>
<td>BS: 128-132 and Chapter 6</td>
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<td></td>
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<td>ART: Smuts: What are friends for?</td>
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<tr>
<td>June 8</td>
<td>LAB 1 Primate Locomotor Adaptations</td>
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<tr>
<td>June 11</td>
<td>Humans: anatomy and behavior</td>
<td>BS: Box 10.1 (p.221-222) and Chapter 15</td>
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<td>ART: Whiten and Boesch: The cultures of chimpanzees.</td>
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<td>June 12</td>
<td>History of evolutionary theory</td>
<td>BS: Chapter 1</td>
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<td>ART: Grant: Natural Selection and Darwin's Finches</td>
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<td>June 13</td>
<td>Microevolution: Genes and inheritance</td>
<td>BS: Chapter 2</td>
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<tr>
<td>June 14</td>
<td>Microevolution: Genes in populations</td>
<td>BS: Chapter 3</td>
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<td>June 15</td>
<td>LAB 2 Primate Feeding Adaptations</td>
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<td>Date</td>
<td>Topic</td>
<td>References</td>
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<td>June 18</td>
<td><strong>MIDTERM</strong></td>
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<td>June 19</td>
<td>Human variation and adaptation</td>
<td>BS: Chapter 14&lt;br&gt;ART: Jablonski and Chaplin: Skin Deep</td>
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<td>June 20</td>
<td><strong>Macroevolution: Speciation, Phylogeny, Cladistics</strong></td>
<td>BS: Chapter 4</td>
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<td>June 21</td>
<td>Molecular phylogenies: phylogenetic reconstruction and molecular clocks</td>
<td>BS: 94-96 (from Chapter 4)&lt;br&gt;ART: Marks: Molecular Anthropology</td>
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<td><strong>June 22</strong></td>
<td><strong>LAB 3 Cladistics and Phylogeny</strong></td>
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<td>June 25</td>
<td><strong>The Fossil Record</strong>: paleontology and early primate evolution</td>
<td>BS: Chapter 9</td>
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<td>June 26</td>
<td>The first hominins: <em>Australopithecus</em> and others</td>
<td>BS: pages 219-237&lt;br&gt;ART: Shreeve: Sunset on the savanna</td>
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<td>June 27</td>
<td><em>Australopithecus</em> and others (continued)</td>
<td>BS: pages 237-246</td>
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<td>June 28</td>
<td>Evolution of the genus <em>Homo</em></td>
<td>BS: Chapters 11 and 12&lt;br&gt;ART: Wong: Twilight of the Neandertals</td>
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<td><strong>June 29</strong></td>
<td><strong>LAB 4 Hominin fossil record I</strong>: <em>Australopithecus</em></td>
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<td>July 2</td>
<td>Origin of anatomically modern <em>Homo sapiens</em></td>
<td>BS: Chapter 13&lt;br&gt;ART: Wong: The littlest human</td>
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<td>July 3</td>
<td><strong>LAB 5 Hominid fossil record II</strong>: <em>Homo</em></td>
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<td>July 4</td>
<td>Holiday-no class!</td>
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<td>July 5</td>
<td>Review for final exam</td>
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<td>July 6</td>
<td><strong>FINAL EXAM  9:00 -11:00 a.m in SAC 5.172</strong></td>
<td>(final exam not cumulative, 2 hrs, not 3)</td>
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ANT F301 COURSE POLICIES
The following policies are not intended to be harsh, but are included to provide clear guidelines on issues that students often face throughout the semester. Please read all of the information carefully.

Make-ups
There will be no make-up exams or labs. Exceptions will be made only 1) with proof of dire emergency or illness, 2) due to observance of a religious holy day, or 3) due to military service.

Important note regarding summer courses: Summer is often a busy time on your social calendar, but you have committed to take a course that meets every day for an intensive period of time. We cover material rapidly, and if you miss classes, your grade will likely suffer. I will not provide alternative exam or lab times for students who have personal travel/vacation plans or commitments (e.g. weddings, family reunions, etc), so please don't ask.

Late assignments
Late lab assignments will cost you 10 percentage points per day. This could change your grade dramatically. Don't be late!

Illness or emergency: If you miss an exam or lab due to illness or emergency, contact me or the T.A. as soon as possible either before the exam or within 2 days after the exam or lab. You will not be given a make-up unless you can provide documentation regarding the reason for your absence.

Religious holy days. By UT Austin policy, you must notify me of your pending absence at least fourteen days prior to the date of observance of a religious holy day. If you must miss a class, an examination, a work assignment, or a project in order to observe a religious holy day, you will be given an opportunity to complete the missed work within a reasonable time after the absence.

Absence for military service. In accordance with section 51.9111 of the Texas Education Code, a student is excused from attending classes or engaging in other required activities, including exams, if he or she is called to active military service of a reasonably brief duration. [The maximum time for which the student may be excused has been defined by the Texas Higher Education Coordinating Board as "no more than 25 percent of the total number of class meetings or the contact hour equivalent (not including the final examination period) for the specific course or courses in which the student is currently enrolled at the beginning of the period of active military service."] The student will be allowed a reasonable time after the absence to complete assignments and take exams.

Students with disabilities: Students with disabilities may request appropriate academic accommodations from the Division of Diversity and Community Engagement, Services for Students with Disabilities at 471-6259 (voice) or 232-2937 (video phone) or http://www.utexas.edu/diversity/ddce/ssd.
**Attendance**
I do not take formal attendance, but I am aware of who consistently comes to class and who doesn’t. Consistent attendance can help boost your grade if you end up with a borderline final grade. Whether you come to class or not, you are responsible for keeping up with what happens in class. This applies to the content of the class, handouts, and announcements about class policies, events, deadlines, etc. Lectures and announcements can be found on Blackboard, but it is easy to miss other pertinent information if you are absent from class.

**Grades**
The grade you are given, either on an individual exam or assignment or as your final grade, is not the starting point of a negotiation. It is your grade unless an error has been made. If you think an error has been made, let me know within one week of receiving the assignment or exam grade.

**Extra credit:** I do not offer “extra credit” opportunities. If you are struggling in the course, please come for help during the semester when there is still time for me to help you. Make an appointment with me as soon as possible. Do not wait until the course is over and ask me to change your grade because you are trying to graduate, or you have had a tough time with your personal life this semester. By then, it is too late for me to help you.

**Honor Code:** Each student in this course is expected to abide by the University of Texas Honor Code:

*The core values of The University of Texas at Austin are learning, discovery, freedom, leadership, individual opportunity, and responsibility. Each member of the university is expected to uphold these values through integrity, honesty, trust, fairness, and respect toward peers and community.*

**Scholastic Dishonesty**
Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and/or dismissal from The University. Scholastic dishonesty” includes, but is not limited to, cheating, plagiarism, collusion, falsifying academic records, misrepresenting facts, and any act designed to give unfair academic advantage to the student (such as, but not limited to, submission of essentially the same written assignment for two courses without the prior permission of the instructor), or the attempt to commit such an act.

For a tutorial and information on plagiarism, see [http://www.lib.utexas.edu/services/instruction/learningmodules/plagiarism/](http://www.lib.utexas.edu/services/instruction/learningmodules/plagiarism/)

Also, see [http://deanofstudents.utexas.edu/sjs/scholdis.php](http://deanofstudents.utexas.edu/sjs/scholdis.php) and section 11-802 in the General Information Catalog [http://registrar.utexas.edu/catalogs/gi09-10/app/gi09.appc03.html#subchapter-11-800-student-standards-of-conduct](http://registrar.utexas.edu/catalogs/gi09-10/app/gi09.appc03.html#subchapter-11-800-student-standards-of-conduct)
Other useful information:

Resources for Learning & Life at UT Austin
• The University of Texas has numerous resources for students to provide assistance and support for your learning.
  o Sanger Learning and Career Center: http://lifelearning.utexas.edu/
  o Undergraduate Writing Center: http://uwc.utexas.edu/
  o Counseling & Mental Health Center: http://cmhc.utexas.edu/
  o Career Exploration Center: http://www.utexas.edu/student/careercenter/
  o Student Emergency Services: http://deanofstudents.utexas.edu/emergency/

Behavior Concerns Advice Line (BCAL)
• If you are worried about someone who is acting differently, you may use the Behavior Concerns Advice Line to discuss by phone your concerns about another individual’s behavior. This service is provided through a partnership among the Office of the Dean of Students, the Counseling and Mental Health Center (CMHC), the Employee Assistance Program (EAP), and The University of Texas Police Department (UTPD). Call 512-232-5050 or visit http://www.utexas.edu/safety/bcal