

# ANTH 2307: *Biological Anthropology, Spring 2010*

**INSTRUCTOR:** Dr. Naomi Cleghorn  
Dept. of Sociology and Anthropology, Room 421  
Email: Cleghorn@uta.edu  
Office Hours: Monday and Wednesday 12:15 – 2:15, or by appointment

**TEACHING ASSISTANT:** Dana Parker (drparker@uta.edu)

**CLASS MEETS:** Monday, Wednesday, Friday 11:00 AM to 11:50 in University Hall, room 009

## **COURSE DESCRIPTION:**

Biological anthropologists study the biology of humans and other primates – together with their respective fossil records – in order to understand the evolutionary context for modern human behavior, anatomy, and genetics. In this course we will examine a wide range of evidence from the behavioral and natural sciences in order to better understand the place of humans in the world.

The course is divided into three sections: 1: Genetics and modern human variation, 2: Non-human primate behavior and anatomy, and 3: the fossil record and human origins. The class will include lecture and discussion, as well as a few in-class laboratory exercises. Students are expected to attend all lectures, and read assigned text sections before coming to class. In addition, each student will choose at least one book from the “Additional Readings” list to read at their own pace over the course of the semester.

## **TEXTS:**

Required: *Our Origins* by Clark Spencer Larsen 2008

## **ADDITIONAL READINGS:**

Choose at least **one** of the following texts:

*In the Shadow of Man* by Jane Goodall 1971

*Skin* by Nina Jablonski 2006

*The Reluctant Mr. Darwin* by David Quammen 2006

## **COURSE REQUIREMENTS:**

<b>GRADED ASSIGNMENTS</b>	<b>Estimated Date</b>	<b>% of Grade</b>
Worksheet 1	February 5 <sup>th</sup>	5
Quiz I	February 15 <sup>th</sup>	15
Worksheet 2	March 1 <sup>st</sup>	5
Midterm	March 12 <sup>th</sup>	25
Short Essay	April 2 <sup>nd</sup>	5
Quiz II	April 30 <sup>th</sup>	15
Worksheet 3	<del>May 2<sup>nd</sup></del> —May 3 <sup>rd</sup>	5
Final Exam	May 12 <sup>th</sup> , 11 am – 1:30 pm	25

- **Essay (5%):** Students will address an assigned question (or questions) related to their choice of text (see above) in a short essay.
- **Worksheets (3 worth 5% each = 15%):** These reinforce concepts taken directly from the Larsen text and other assigned sources.
- **Unit Quizzes (2 worth 15% each = 30%):** These two quizzes cover material from lecture *and* the Larsen text. They are not cumulative.

- **Midterm (22%):** The midterm exam covers everything studied in both lecture and in Larsen to date (cumulative).
- **Final Exam (25%):** The final exam will be cumulative, but with an emphasis on the latter part of the semester.

**COURSE TOPIC SCHEDULE:** (Subject to revision)

<b>Week of:</b>	<b>Topic:</b>	<b>Larsen Chapter</b>
<b>1 1/20 - 1/22</b>	Introduction to biological anthropology / Evolution	<b>1 &amp; 2</b>
<b>2 1/25 - 1/29</b>	DNA and genetic expression	<b>3</b>
<b>3 2/1 - 2/5</b>	Population genetics	<b>4</b>
<b>4 2/8 - 2/12</b>	Modern human variation	<b>5</b>
<b>5 2/15 - 2/19</b>	Quiz 1 & Introduction to the Primates	<b>6</b>
<b>6 2/22 - 2/26</b>	Primate anatomy & adaptation	<b>Appendix &amp; 6</b>
<b>7 3/1 - 3/5</b>	Primate behavior / Intro to fossil record	<b>7</b>
<b>8 3/8 - 3/12</b>	Geologic Time, Review & Midterm	<b>7</b>
<b>9 3/15 - 3/19</b>	----- <i>Spring Break!</i> -----	
<b>10 3/22 - 3/26</b>	Ancient Environments / Primate Evolution	<b>8</b>
<b>11 3/29 - 4/2</b>	Earliest Hominids	<b>9</b>
<b>12 4/5 - 4/9</b>	Australopithecines and the origin of <i>Homo</i>	<b>9 &amp; 10</b>
<b>13 4/12 - 4/16</b>	Evolution and anatomy of <i>H. ergaster</i> / <i>erectus</i>	<b>10</b>
<b>14 4/19 - 4/23</b>	Archaics and Neanderthals	<b>11</b>
<b>15 4/26 - 4/30</b>	Quiz II & Early Modern Humans	<b>11</b>
<b>16 5/3 - 5/7</b>	Humans in the Holocene and Exam review	<b>12</b>

## **COURSE POLICIES:**

### **MAKE-UP EXAM POLICY:**

There are no make-up exams! If a serious illness or emergency situation arises that prevents you from attending one of the four tests (Quiz 1, 2, Midterm, or the Final), contact me immediately. In this situation, the grade points of the test you miss will be distributed to the other three tests. If you miss a quiz, your other quiz will be worth 20%, your midterm will be worth 27%, and your final will be worth 30% of your course grade. If you miss the midterm, your quizzes will be worth 20% each, and the final will be worth 37%. If you miss the final, your quizzes will each be worth 20%, and your midterm will be worth 37%.

If you miss *two* tests for *any* reason, you will not receive any credit for either test. If this happens, you should seriously consider withdrawing from the course.

This grade redistribution will only apply in the case of a serious illness or emergency. Lying about such an emergency will be considered academic dishonesty, and will result in a failing grade.

### **LATE WORK POLICY:**

Assignments are graded down 10% of their value per day after the due date.

### **DROP POLICY:**

The last day to officially drop a class from the spring 2010 semester is **APRIL 2<sup>nd</sup>**. Please note that this is a slight change from the date that was originally posted in the University's online Academic Calendar.

**AMERICANS WITH DISABILITIES ACT POLICY:**

Please inform me if you have a disability requiring special consideration for classes and exams, and provide me with the relevant paperwork during the first two weeks of class. The University's policy is as follows:

"The University of Texas at Arlington is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 92-112 - The Rehabilitation Act of 1973 as amended. With the passage of federal legislation entitled *Americans with Disabilities Act (ADA)*, pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens. As a faculty member, I am required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with informing faculty of their need for accommodation and in providing authorized documentation through designated administrative channels. Information regarding specific diagnostic criteria and policies for obtaining academic accommodations can be found at [www.uta.edu/disability](http://www.uta.edu/disability). Also, you may visit the Office for Students with Disabilities in room 102 of University Hall or call them at (817) 272-3364."

**ACADEMIC INTEGRITY:**

As a student of the University of Texas at Arlington, you are expected to maintain the highest standards of academic integrity. As noted several times above, any instance of academic dishonesty will have a significant negative impact on your scholastic record, not to mention your grade in this class. Discipline may include a failing grade together with either suspension or expulsion from the University of Texas. The Board of Regents has defined academic dishonesty as follows:

"Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents' Rules and Regulations, Series 50101, Section 2.2).

**STUDENT SUPPORT SERVICES AVAILABLE:**

There are several programs at UTA that help students succeed, including: learning assistance, developmental education, advising and mentor, admissions and transition, and federally funded programs. If you need help with personal, social, or academic issues, or would like more information about the programs described above, please contact the Office of Student Success Programs (817-272-6107).