

ANTH 201, section 2 Fall 2013

INTRODUCTION TO PRIMATOLOGY & HUMAN EVOLUTION

Time: TR 14:00 – 15:15

Location: ST 148

Instructor (first half): Dr. Lisa Corewyn

Office: ES 602J

Office hours: TR 12:30 – 13:30, or by appointment

Office telephone: 403-220-2063

Email: TBA

Instructor (second half): Brian Keating

Office and hours: TR following lecture, as required

Email: briank@calgaryzoo.ab.ca

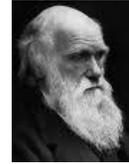
Teaching Assistant: Kayla Hartwell

Office: ES 722

Office hours: TBA

Office telephone: 403-220-2066; 403-220-6516 (main department office)

Email: kayla.hartwell@ucalgary.ca



Required Text:

Boyd, R., & Silk, J. 2012. How Humans Evolved, 6th Edition. W.W. Norton & Company: New York.

Course Description:

The first half of the course will focus on human evolution, and will be taught by Dr. Lisa Corewyn. We will be examining the mechanisms and implications of biological evolution. The course begins with an introduction to evolutionary principles and processes, the unifying theme of modern biology. We will discuss the history of evolutionary thought and how evolutionary theory has developed through the 20th century. This will include a brief overview of the genetic mechanisms that underlie biological diversity and adaptation. We then chart the fossil record of nonhuman primate and human evolution and focus on the biological, behavioral, and cultural developments through hominin history, up to and including modern humans.

The second half of the course will focus on primates, and will be taught by Brian Keating. Topics covered include taxonomy, evolution, ecology, geographic distribution, and behavioral ecology of prosimians, monkeys, and apes. We will learn to answer questions such as: What are primates? Where are they found? What makes them different from other mammals? What kinds of groups do they live in? Students will be required to become familiar with the primate collection at the Calgary Zoo. At the minimum, students must make one trip to the zoo; however, more visits will allow you to students to take full advantage of becoming more familiar with the various species studied in this course.

Course Requirements:

| | | |
|--------------|-----|--|
| Quiz 1 | 15% | Sep 26 th |
| Midterm exam | 35% | Oct 22 nd |
| | | **cumulative for human evolution half of course ONLY |
| Quiz 2 | 15% | Nov 19 th |
| Final exam | 35% | Registrar scheduled – week of Dec 9-19 th |
| | | **cumulative for primate half of course ONLY |

NOTE: Students are responsible for materials covered in lecture, the textbook, as well as films shown in class.

Final course grades will be assigned as follows:

| | |
|----|-----------------|
| A+ | 100 – 94.9% |
| A | 94.8 – 89.9% |
| A- | 89.8 – 84.9% |
| | |
| B+ | 84.8 – 79.9% |
| B | 79.8 – 74.9% |
| B- | 74.8 – 70.9% |
| | |
| C+ | 70.8 – 66.9% |
| C | 66.8 – 62.9% |
| C- | 62.8 – 58.9% |
| | |
| D+ | 58.8 – 54.9% |
| D | 54.8 – 49.9% |
| F | 49.8% and below |

IMPORTANT

An outline of the lecture notes will be posted on Blackboard prior to class, and students are encouraged to print these and bring them to class to assist with handwritten note-taking. Note that the posted notes are not sufficient without attending lectures. Exams will be based on all material covered in class, including lectures presented (instructor and guest lectures), class discussion, questions and answers, and films. Any classroom materials missed due to absenteeism are the sole responsibility of the student.

Although related and generally complementary, the material in the textbook is not tightly integrated with the lectures. These should be considered two separate sets of information, both of which must be mastered for the exams. Note to pay special attention to areas in the textbook that overlap with class lectures.

Academic Accommodations

It is the student’s responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation, please register with the Disability Resource Centre at 220-8237. Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodations. You are also required to discuss your needs with your instructor no later than fourteen (14) days after the start of this course.

Classroom Behavior

It is expected that each student will behave with courtesy and respect toward others. To maintain a distraction-free environment during the class period, the instructors request that you 1) **turn off cell phones** prior to class and place them in a bag, pocket, or under your desk; 2) **do not carry on conversations while the instructor is speaking**; 3) **avoid late arrivals and early departures** (if you must depart class early, please notify the instructor in advance if possible). If you use a laptop during class, please refrain from any activities unrelated to class, including emailing, web browsing, playing games, etc. Please minimize disruption to your fellow students by sitting at the back or on the classroom periphery. If the use of a laptop becomes too distracting to the class, you will be asked to turn off the computer and use a paper notebook for the remainder of lectures. It is also rude and unacceptable to sleep during class. Relevant interruptions with questions or comments are welcome by raising your hand and sharing with the class. You may also email questions which will be answered in the next lecture. All email inquiries about quizzes or exams will be answered in class.

Exams and Quizzes

Exam security is taken very seriously. Since quizzes and the midterm exam will be taken in class where students often must sit close together, please be aware that wandering eyes could lead to suspicion. Keep your eyes on your own exam or to the front of the room. Also, cover your own exam to stop others from being tempted to look at it. Please remain seated during exams until you can leave the row you are sitting in without disturbing others. If you are caught cheating, your exam will be taken and a grade of zero will be given automatically.

Students are strongly urged to take all exams on their scheduled times and dates. Missed exams will automatically receive a score of zero. Accommodation for missed exams will be made at the instructor's discretion in the event of a **documented** emergency (e.g. hospitalization). In the event of an emergency or illness, you **MUST** notify the Anthropology Department office (220-6516) or the instructor **BEFORE** the exam, and documentation **MUST** be provided before a makeup exam will be considered. Failure to follow these guidelines will result in an exam score of zero. Note that performance on makeup exams is typically lower than those taken with the class. The quizzes **cannot** be made up.

Exams and quizzes will not be returned to students. Instructors will review portions of the exams/quizzes in class the week following the exam/quiz, by which time scores will be available on Blackboard. If you would like to consult your exam/quiz, you may come to our posted office hours, or make an appointment. If, after consulting the key, your notes, and the text, you still have concerns about the grading of your exam/quiz, you will be asked to provide a detailed written statement outlining your concerns. Your exam/quiz will then be re-graded in its entirety, and scores will be raised, lowered, or left unchanged as warranted. Deadline for submission of written statement is one week after the results of an exam/quiz has been posted.

No special arrangements will be made following a poor performance on an exam. For example, we cannot change the weighting of the exams, allow retakes, or accept alternate assignments in lieu of an exam. Please prepare in advance to ensure satisfactory exam performance as no changes will be made after the exam.

PLAGIARISM AND CHEATING

Plagiarism: “to steal and pass off the ideas or words of another as one’s own” (Webster’s). Plagiarism will not be tolerated and will automatically result in a failing grade for the submission. Any student caught plagiarizing will also be subject to additional University sanctions. Students are expected to be familiar with the Anthropology Department’s policy on intellectual honesty, available at: <https://www.anth.ucalgary.ca/home/links/intellectual-honesty-guidelines>

EMERGENCY EVACUATION

In the event that the classroom should need to be evacuated due to an emergency, please note that the primary assembly point shall be the Social Sciences Food Court, and the secondary assembly point shall be the ICT Food Court.

TENTATIVE SCHEDULE

Subject to change – announced deviations may be necessary to meet the needs of the class. Students should be familiar with assigned chapter material prior to each scheduled class.

| <u>Date</u> | <u>Topic</u> | <u>Chapter</u> |
|--------------------|---|-----------------------|
| Part I: | Evolution and Human Origins Instructor: Dr. Lisa Corewyn, Department of Anthropology | |
| Sep 10 | Introduction/Evolutionary theory | 1 |
| Sep 12 | Evolutionary theory <i>cont’d</i> . | 1 |
| Sep 17 | Film: “Charles Darwin and the Tree of Life” | |
| Sep 19 | Genetics | 2 |
| Sep 24 | Modern synthesis/Microevolution | 3 |
| Sep 26 | QUIZ 1, Ch. 1-3/Macroevolution | 4 |
| Oct 1 | Film: “Becoming Human” | |
| Oct 3 | Primate origins | 9 |
| Oct 8 | Early hominin origins | 10 |
| Oct 10 | The genus <i>Homo</i> /Premodern humans | 11, 12 |
| Oct 15 | Film: “Decoding Neanderthals” | |
| Oct 17 | Emergence of modern humans | 13 |
| Oct 22 | MIDTERM EXAM, Ch. 4, 9-13 | |

| Date | Topic |
|-----------------|--|
| Part II: | Primatology Instructor: Brian Keating, Honourary Conservation Advisor, Calgary Zoo |
| | **Note: Textbook readings for this half of the course will be assigned. Films are likely to change, and will be augmented by personal film segments from Brian Keating's collection |
| Oct 24 | Introduction to instructor/What is a primate? |
| Oct 29, 31 | What is a primate?/The prosimians/Film: "Life in the Trees" |
| Nov 5 | Prosimians/New World monkeys |
| Nov 7 | New World monkeys <i>cont'd</i> . |
| Nov 12 | Reading Days: No Lecture |
| Nov 14 | Film: "Spirits of the Forest" |
| Nov 19 | QUIZ 2/ Film: "Monkeys on the Edge" |
| Nov 21, 26 | Old World monkeys/Film: "Monkey Business: The Pumphouse Gang" |
| Nov 28 | Introduction to apes/Smaller apes: gibbons, siamangs |
| Dec 3 | Orangutans/Gorillas |
| Dec 5 | Chimpanzees/Film: "The Gorillas of Africa" |
| Dec 9-19 | FINAL EXAM: Registrar scheduled |

***Please note that film titles may be subject to change*