

ANT 4554-001

## PRIMATE EVOLUTION

Spring 2011

<u>Time:</u>	T Th, 11am – 12:20 pm	<u>Instructor:</u>	Dr. Robert McCarthy
<u>Place:</u>	SO 190		Office: SO 173
<u>Format:</u>	Lecture and discussion		Phone: 561-297-1355
			E-mail: <a href="mailto:rmccar10@fau.edu">rmccar10@fau.edu</a>
			Office hours: T Th 1 – 3 pm

### Course objectives:

This course will introduce students to primate biology and evolution. The course will be run as a combination of lecture and discussion, and students are expected to read the textbook and supplementary materials and to come to class prepared with questions and comments.

### Textbook and readings:

Fleagle, John G. 1999. *Primate Adaptation and Evolution*, 2nd ed. Academic Press, New York.

In addition to reading the textbook, occasionally there will be supplemental readings (SR) and handouts which, along with weekly announcements and grades, will be posted regularly on Blackboard. Powerpoint lectures will be posted on Blackboard in advance of class, by 9 am on Tuesday and Thursday.

### Grading:

Your grade in this course will be based on your scores on three exams (25% each) and daily quizzes (25%). Quizzes will be given at the end of class and will consist of five questions that cover material from that day's lecture. There will be 22 of these short quizzes, for a total of 110 points (22\*5=110). Students can achieve a score up to 100 for their overall quiz grade. Attendance will not be taken otherwise, but no make-ups or excused absences will be allowed. Letter grades for the course will be assigned according to standard FAU policy.

### Academic Integrity, Students with Disabilities:

Plagiarism will not be tolerated. Students will be expected to contribute positively to the general learning atmosphere in class; therefore, disruptions of lectures and discussions will result in appropriate disciplinary action. PLEASE TURN OFF YOUR CELL PHONES PRIOR TO CLASS.

In compliance with the Americans with Disabilities Act (ADA), students who, due to a disability, require special accommodations to properly execute coursework must register with the Office for Students with Disabilities (OSD) located in SU 133, (561)297-3880, and follow all OSD procedures.

<p><u>Note:</u> This syllabus is subject to change at any time. Updates will be posted on Blackboard.</p>
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<u>Week</u>	<u>Lecture topic</u>	<u>Reading</u>	<u>Exams</u>
<u>INTRODUCTION</u>			
Jan. 11 – 13	Primates		
Jan. 18 - 20	Evolution and natural selection	Chapter 1	Quizzes
Jan. 25 - 27	The primate body	Chapter 2	Quizzes
Feb. 1 - 3	Social structures and life history	Chapter 3, SR	EXAM
<u>EXTANT PRIMATES</u>			
Feb. 8 – 10	Strepsirhines	Chapter 4	Quizzes
Feb. 15 – 17	Monkeys	Chapters 5 and 6	Quizzes
Feb. 22 – 24	Apes and humans	Chapter 7	Quizzes
Mar. 1 – 3	Primate phylogeny	SR; pp. 117, 173, 221, 258	EXAM
Mar. 8 – 10	NO CLASS – SPRING BREAK		
<u>PRIMATE EVOLUTION</u>			
Mar. 15 – 17	Primate origins	Chapters 10, 11, SR	Quizzes
Mar. 22 – 24	Adapoids and omomyoids	Chapter 12	Quizzes
Mar. 29 – 31	Early anthropoids	Chapter 13	Quizzes
Apr. 5 – 7	Fossil monkeys	Chapters 14, 16	Quizzes
Apr. 12 – 14	Fossil apes	Chapter 15, SR	Quizzes
Apr. 19 – 21	Australopiths	Chapter 17, SR	Quizzes
Apr. 26	Wrap-up	Chapter 18	
May 3	FINAL EXAM 10:30 – 1:00		