

ZOO 4513

ANIMAL BEHAVIOR

Summer 2018 Syllabus

Instructor : Mr. Frank T. Logiudice
Office : Biology Building 2, Room 202 C
Office Phone Number: (407)-823-2495
Email Address : Frank.Logiudice@ucf.edu

Required Materials: *Perspectives on Animal Behavior*, 3rd edition, Goodenough, Jakob, & McGuire

Website: See UCF Webcourses

Grades : The student's grade will be determined by three lecture exams (worth 100 points each) and eight quizzes (worth 5 points each, lowest 2 dropped, for a total possible of 30 points). Total lecture points available is 330.

Grading Scale:

A = 330 -> 297

B = 296 -> 264

C = 263 -> 231

D = 230 -> 198

F = 197 -> 0

Note: +/- grades are not used in this class.

Academic Honesty: Refer to the UCF Golden Rule which will be rigidly adhered to.

Attendance: Due to the volume of material presented during this course, good attendance is a essential! You alone are responsible for all missed work.

Make - Up Policy: Lecture exams may be made up at the instructor's discretion.

(Note : Such is a rare event.)

Quizzes cannot be made up. Since there are 8 quizzes worth 5 points each and a total possible of 30 points then in effect the lowest two quizzes can be dropped.

Preparation: You are expected to be prepared for every class. That includes reading all assigned materials before each lecture and lab session.

Important Dates: Add Deadline – May 18
Drop Deadline – May 17
Withdrawal Deadline – June 7

Office Hours: MTWR 12:00-1:00 in BL 202c and by appointment

LECTURE COURSE OUTLINE

| Day | Subjects | Text Chapters |
|---------|---|---------------|
| May 14 | History of Animal Behavior | 2 |
| May 15 | The Genetic Analysis of Animal Behavior | 3 |
| May 16 | Natural Selection and Animal Behavior | 4 |
| May 17 | Learning and Cognition | 5 |
| May 21 | The Neurological Basis of Behavior | 6 |
| May 22 | The Neurological Basis of Behavior (cont.) | |
| May 23 | The Hormonal Basis of Behavior | 7 |
| May 24 | Exam 1 Chapters 2-7 or Parts 1-6 | |
| May 29 | The Development of Behavior | 8 |
| May 30 | Biological Clocks and Mechanisms of Orientation and Navigation | 9 10 |
| May 31 | The Evolution and Ecology of Spatial Distribution | 11 |
| June 4 | Behaviors Involved in Foraging for Food | 12 |
| June 5 | Antipredator Behaviors | 13 |
| June 6 | Reproductive Behaviors | 14 |
| June 7 | Exam 2 Chapters 8-14 or Parts 7-12 | |
| June 11 | Parental and Mating Behaviors | 15 |
| June 12 | Parental and Mating Behaviors (cont.) | |
| June 13 | Communication | 16 |
| June 14 | The Evolution of Communication | 17 |
| June 18 | Conflict Behaviors | 18 |
| June 19 | Group Living, Altruism, and Cooperation | 19 |
| June 20 | Group Living, Altruism, and Cooperation (cont.) | |
| June 21 | Exam 3 Chapters 15-19 or Parts 13-18 | |

Tentative Lecture Exam Schedule

| <u>Lecture Examination</u> | <u>Date</u> | <u>Lecture Exam Material</u> |
|----------------------------|-------------|------------------------------|
| One | May 24 | Ch. 2-7 |
| Two | June 7 | Ch. 8-14 |
| Three | June 21 | Ch. 15-19 |

NOTE : The dates for these exams may need to be changed as the semester progresses. If such becomes necessary, you will be notified at the earliest possible time.