**ANSC 110-B**

**Life with Animals and Biotechnology**

**Fall 2018**

**Instructor:** Dr. Crystal A. Allen PhD

**Contact Information:** 428 Animal Sciences Laboratory, [callen@illinois.edu](mailto:callen@illinois.edu)

**Class Time:** Tuesday and Thursday 3:00PM-4:50PM

**Office Hours:** By appointment.

**Description:** An overview of life with animals and biotechnology focusing on animal diversity and technological achievements with animals.

* 3 credit hours
* GenEd Certified for Life Sciences

**Academic Challenges:** Used to determine final grades

* Thinking Activities (10 points each) 20 200
* Research Exercises (10 points each) 3 30
* Movie Reflections (15 points each) 5 75
* Presentations (50 points each) 3 150
* Final-Take-Home Test 100

-Paper 100

-Presentation 50

-Test 50

Total Points 755

**Final Exam:** Must turn in take-home test and take final exam on scheduled date to pass class.

**Grades:** 90-100% A (90-91=A- 99-100=A+)

80-89% B (80-81=B- 89-90=B+)

70-79% C (70-71=C- 79-80=C+)

**Policies:** All University of Illinois policies apply to this course/class.

**Attendance:** This class is designed such that you must attend class. Although attendance is not taken you are expected to attend each class. You may not make up the Thinking Activities that are done in class, No exceptions! You must view the movies in class. **ATTEND CLASS!**

**Resources:** No textbook will be utilized this semester; however, there will be material used that will be provided as handouts or online. You are expected to do assigned readings.

**Thinking Activities:** Questions that foster the development of “higher-order” thinking. They will be completed in class without advanced notice and cannot be made up. Some will be completed individually and some in teams. You must sign your name to the activity and turn it in at the end of class.

**Research** **Exercises:** During the semester you will be assigned take- home questions/hypotheses. These exercises require a literature search and write-up.

**Movie Reflections:** After viewing a video in class, *a short movie reflection will be due at the following class.* You must be present for viewing of video to receive points. Reflections differ from reviews or summaries. They should be focused and critically analyze, speculate, integrate ideas, make analogies, etc. one or more elements of the movie within your reflection. Movies include the following:

* *The Whale* (true account of the life of Luna the orca whale)
* *Ape Genius*
* *The Ghost and the Darkness* (based on a true account)
* *Something the Lord Made* (based on a true account)
* Temple Grandin (based on a true account)

  All material will be presented using scientifically appropriate terminology. I may very well take you out of your comfort zone. I will not avoid sensitive issues, but I will avoid public embarrassment. Furthermore, no one ethical position will be promoted—you are welcome to your own ethical positions; however, be prepared to defend them with intellectual wisdom and reasoning and be open to hear those of others. My desire is for you to develop the capacity to be open-minded, be patient and tolerant, be flexible, be able to think independently, be discerning and to learn from your mistakes.

**FALL 2018-B**

TUESDAY AUG 28 INTRO, PRETEST, SLUGS

THURSDAY AUG 30 WHAT IS AN ANIMAL?

TUESDAY SEPT 4 EVOLUTION

THURSDAY SEPT 6 AQUATIC ANIMALS

TUESDAY SEPT 11 MOVIE-THE WHALE

THURSDAY SEPT 13 CELLS AND GENETICS

TUESDAY SEPT 18 ANIMAL RESEARCH

THURSDAY SEPT 20 HUMANS V PRIMATES

TUESDAY SEPT 25 MOVIE-APE GENIUS

THURSDAY SEPT 27 AFRICAN BIG 5

TUESDAY OCT 2 BIG GAME HUNTING/DEBATE

THURSDAY OCT 4 BIG CATS

TUESDAY OCT 9 MOVIE-GHOST AND DARKNESS

THURSDAY OCT 11 BIG CATS PRESENTATIONS

TUESDAY OCT 16 BIG CATS PRESENTATIONS

THURSDAY OCT 18 RESEARCH-DR. WHEELER

TUESDAY OCT 23 REPTILES AND AMPHIBIANS

THURSDAY OCT 25 AMAZON

TUESDAY OCT 30 DISEASES AND VACS

THURSDAY NOV 1 DISEASE PRESENTATIONS

TUESDAY NOV 6 DISEASE PRESENTATIONS

THURSDAY NOV 8 MOVIE-SOMETHING THE LORD MADE

TUESDAY NOV 13 COMPANION ANIMALS, DOG VISIT

THURSDAY NOV 15 ANIMALS IN HOLIDAYS/CULTURE

TUESDAY NOV 20 THANKSGIVING BREAK

THURSDAY NOV 22 THANKSGIVING BREAK

TUESDAY NOV 27 MOVIE-TEMPLE GRANDIN

THURSDAY NOV 29 LIVESTOCK

TUESDAY DEC 4 FINAL PRESENTATIONS

THURSDAY DEC 6 FINAL PRESENTATIONS

TUESDAY DEC 11 FINAL EXAM

THURSDAY DEC 13 READING DAY