Syllabus for ANSC 33200----Honor's Mode **Spring 2023**

Environmental Physiology of Domestic Animals

Learning Objectives: Using active and self-directed learning techniques, empower students to learn and apply principles of environmental physiology over a lifetime to benefit themselves, their families, and all their wonderful animals, big and small.

Learning Coach: Coach Rod Allrich rod@rodallrich.com

Course Topics:

Melatonin	Homeostasis	Behavior
TNZ	Gular Flutter	Panting
Cohorts	Photoperiod	Reproduction
Gases	Role of Genotype	Altitude
Sensory Systems	Water Balance	Phytotoxins
Metabolism	Hyperbaric Chambers	Pheromones
Nutrition	Heat Transfer Mechanisms	Telemetry
Parasites	Environmental Hormones	Buildings
Transportation	Environmental Enrichment	Equipment
Mycotoxins	Acclimatization	Acclimation
Wind Chill	Malignant Hyperthermia	HSPs
Five Freedoms	P = G + E	Shade
Energy Balance	Thermoregulation	Crepuscular
Scotophase	Nocturnal	Diurnal

Course Websites: www.rodallrich.com and Brightspace (displays points earned).
Redundant website: rodallrich2.com

Class Meeting: **M & W @ 11:35 am CRTN 1011**

Assessments: 10 pop quizzes (40 pts each) and 4 exams (100 pts each). All assessments are in-class. Exam dates TBD. Missed quizzes/exams are only eligible for make-ups for good cause. All approved make-up quizzes/exams will be oral, comprehensive, and will take place near the end of the semester.

"Quiet" Week Policy: No class meetings scheduled. Instruction time from this week will be conducted at various times during the semester via assigned YouTube instructional videos.

Final Exam: There will be no final exam.

Honors Mode: Students will create 1 video on some aspect of environmental physiology of domestic animals. The video (exact topic to be approved by Rod) will have a possible point value of 200 points. Therefore, honors students have a possible 1000 points to earn. Their course grade will still be determined by the percentage values located at the bottom of this page. The created video will be uploaded to Rod's YouTube Channel.

Course Grade: There are 1000 total points possible for the semester. We will use the plus/minus grading system as outlined below:

A plus (4.0) 97.0-100.0 %	A (4.0) 93.0-96.9 %	A minus (3.7) 90.0-92.9 %	
B plus (3.3) 87.0-89.9 %	B (3.0) 83.0-86.9 %	B minus (2.7) 80.0-82.9 %	
C plus (2.3) 77.0-79.9 %	C (2.0) 73.0-76.9 %	C minus (1.7) 70.0-72.9 %	
D plus (1.3) 67.0-69.9 %	D (1.0) 63.0-66.9 %	D minus (0.7) 60.0-62.9 %	F (0.0) < 60.0 %