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.

Learning Coach  Coach Allrich: rallrich@purdue.edu

Course Topics:
- Thermoregulation  Homeostasis  Behavior
- 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  E. Enrichment

Course Website:  www.rodallrich.com  Web links lead to required reading material (No textbook required)

Class Meeting Times/Place:  M & W @ 11:35 am in CRTN 1011

Study Sessions Times/Place:  12:30-2:20 pm in CRTN 1011

Exams:  Four scheduled during semester (100 pts. each). All four exams count toward point total for grade determination (400 total points). Exam dates are:  1/23  2/20  3/27  4/17
There will be no final exam—we already did 4 exams for a 2 credit class!

Exam Makeups:  Makeups possible only for special reasons such as serious illness, funerals, etc. Makeups must be arranged prior to the time of the to-be-missed exam. Exam makeups may be oral or written or some combination of written & oral.

Dead Week Policy:  No class meetings scheduled. Instruction time (100 minutes) from this week will be conducted during the semester via assigned YouTube instructional videos.

Bad Weather Policy:  In the event that Purdue cancels classes, Rod will send an email to students describing how the schedule of course events is affected by the cancellation.

Smart phones, etc.:  Must be put away during class. Each violation = 25 point loss on next exam.

Course Grade:  There are 400 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 %

Notes: