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 Coaches         Coach Allrich: rallrich@purdue.edu       Assistant Coach: Thea

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)
                          Backup websites: rodallrich2.com, rodallrich.bravehost.com

Class Meeting, Times/Place: M & W @ 11:35 a.m. in STEW 320

Study Sessions, Times/Place: 10:00 to 11:30 a.m. M and 12:30 to 2:00 p.m. MW all in STEW 320

Exams:       Four scheduled during semester (100 pts. each). All four exams count toward point total for grade determination (400 total points). Exam dates are: 2/5, 2/26, 3/25, 4/22 all in Lilly G-126
There will be no final exam—we already did 4 exams for a 2 credit class!

Exam Makeups:   Makeup 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: