

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 Rod (always address your emails to “Coach Rod”)

rallrich@purdue.edu, rod@rodallrich.com, CEO@rodallrich.com

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)
Redundant websites: rodallrich2.com rodallrich.bravehost.com

Class Meeting, Times/Place: **M & W @ 11:35 a.m., Wilmeth Active Learning Center 1055.**
Covid-19 may result in more online time and less in-class time. Emails will be sent to indicate status.

Study Sessions, Times: Microsoft Teams

Exams: Six during semester (100 pts. each). The completed take-home exams will be uploaded into Brightspace (BS) by students and will first be examined by Turnitin (turnitin.com). Then Coach Rod will evaluate the exam and assign points earned. BS will display points earned. **Exams with Similarity Scores (assigned by Turnitin) that are 20% or higher, will be ruled inadmissible and not evaluated by Rod. Students may submit multiple exam versions in an effort to lower Similarity Scores (before set deadline).**

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.

Course Grade: There are 600 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 %