

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 and their animals.

Learning Coach Coach Rod rallrich@purdue.edu rod@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	Buildings
Transportation	Environmental Enrichment	Equipment

Course Website www.rodallrich.com Web links lead to required course material
 Redundant website: rodallrich2.com
 Brightspace will only contain points earned.

Class Meeting, Times/Place M & W @ 11:30 am CRTN 1011

Assessments On each Wednesday during the semester, we will have an assessment during the last 15 minutes of lecture that will be worth 80 points each. We will have 12 of these assessments (A1-A12) and count the best 10 scores for the course grade.

Suggested Homework Go to “Quizzes/Crossword Puzzles” link at rodallrich.com

Quiet Week Policy No class meetings will take place. Instruction time (3@ 50 minutes) from this Week will be conducted earlier in the semester via assigned YouTube instructional videos. Quiet Week is April 22-27.

Final Exam No final exam given. Finals Week is April 29-May 4.

Course Grade There are 800 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 %

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.