

## 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 beloved animals.

**Learning Coach:** Coach Rod Allrich

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**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](http://www.rodallrich.com) Web links lead to required course material (No textbook required)  
Redundant websites: [rodallrich2.com](http://rodallrich2.com) [rodallrich.bravehost.com](http://rodallrich.bravehost.com)

**Class Meeting, Times/Place:** M & W @ 11:00 am to 1:00 pm CRTN 1011

**Assessments:** A combination of in-class exams/quizzes and take-home exams/quizzes/assignments will be used to assess student learning. A total of 1000 points can be earned by students during the semester. Some assessments will be uploaded (pdf files only), by students, into Brightspace (BS) and will be scanned by the Turnitin program. **Similarity Scores (assigned by Turnitin) that are 20% or higher, will be ruled inadmissible and not evaluated by Rod. Students may submit multiple versions of a particular assessment in an effort to lower Similarity Scores (before the established deadline).**

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

**Final Exam:** There will be no final exam. During the semester, we will have completed dozens of diagnostic, formative, interim, and summative assessments.  
Rod's belief—assessments should be frequent.

**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 %