

Physiology of Domestic Animals

Learning Objectives Using active and self-directed learning techniques, empower students to learn and apply principles of domestic animal physiology throughout their lifetime.

Learning Coach Rod Allrich, PhD rallrich@purdue.edu or rod@rodallrich.com
Several motivated undergraduate assistants will also help us learn physiology

Seeking Help See Rod in our classroom or use email or see Rod in the study sessions
See one of the TAs during class or in the study sessions

Weekly Topics and Reading Assignments Published at www.rodallrich.com
Reading material will be on the web (no textbook required).

Course Topics Hematology, Cardiology, Pulmonology, Endocrinology, Immunology, Neurology, Myology, Osteology, Nephrology, Hepatology, Gastroenterology, Mastology, Theriogenology, Neonatology, and Thermoregulation.

Course Subtopics terminology, anatomy, histology, cytology, morphology, biochemistry, pathology, homeostasis, enzymology, genetics, chemistry, and metabolism.

Class Meeting Times/Place MTWTH @ 11:30 am in Lilly 1-105

Study Sessions Every day before class in Lilly 2-102 (and some days after class (more later))

Weekly Assessments of Learning Will take place every Thursday during the last portion of class. Think of these as mini-exams that are worth 50 pts each (25 questions at 2 pts each). Fourteen will be given during the semester with the lowest score dropped (so 13 count towards the course grade; giving a total of 650 points possible). No quizzes or other exams will be given. There will be no makeups available. There will be no final exam-we already did 14 assessments!

Bonus Points Possible Students may elect to create a presentation on some aspect of animal physiology or pathophysiology. Presentations may yield up to 50 bonus points that will then be added to the student's point total. Rod will videotape these presentations and upload them to his YouTube Channel, therefore quality of the presentation will be important. The TAs will help refine your presentation.

Dead Week Policy No class meetings scheduled. Instructional time (200 minutes) from this week will be conducted periodically during the semester via YouTube instructional videos.

Course Grade-----We will use the plus/minus grading system (applied to the 650 possible points):

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.

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