

ANSC 3010

Comparative Anatomy and Physiology of Domestic Animals

Required Text: Anatomy and Physiology of Farm Animals, Seventh Edition: 2009 (edited by R.D. Frandson, W.L. Wilke and A.D. Fails); Wiley – Blackwell Publishing Company.

Instructor: Dr. Stephen P. Ford – 113 Animal Science/Molecular Biology Building; Phone #: 766-2709; E-Mail #: spford@uwyo.edu

Grade: 3 quizzes @ 40 pts each (count 2 only!), 3 examinations @ 100 pts each (count 2 only!), and a comprehensive final @ 120 pts = **400 total points for the course**

Topic Areas:

Introduction to terms in Anatomy and Physiology

Cell and Tissue Structure and Function

The skeletal System

Quiz # 1 (40 pts)

Bones and Joints (Lab # 1)

The muscular system

Exam # 1 (100 pts.)

The nervous system

Endocrine System

The Entegument

Quiz # 2 (40 pts)

Blood and other body fluids

The immune system

Cardiovascular System (Lab # 2)

Exam # 2 (100 pts)

Respiratory System

Digestive System

Urinary System

Quiz # 3(40 pts)

Male Reproductive System

Female Reproductive System

Ovary and Estrous Cycle

Exam #3 (100 pts)

Pregnancy and Parturition

Mammary System (Lab # 3)

Comprehensive Final Exam (120 pts) – First part will be on material since last EXAM (60 points), and the second part will be a comprehensive exam over the whole course (60 points). **NOTE: The final is required for everyone.**