UConn ECE Behavior and Training of Domestic Animals
Exam 1 Study Guide - Tuesday, December 16

50 Multiple Choice Questions, 2 points each = 100 points

*This study guide should not be your only source of studying, it is simply a guide.*

Necessary Documents:
Scientific Study of Animal Behavior - Four Components
   The Study of Animal Behavior
      Chapter 1 Handout
   Adaptive Purpose and Evolution of Behavior
   Nervous System and Behavior (with chart)
      Migration, Orientation, and Navigation
      Animal Cycles
   Learning in Animals
      Chapter 5 Handout
   Animal Communication
   Cognition, Emotion, and Consciousness
   Development of Behavior

Completing this study guide on a shared Google Doc
prior to the exam is worth 8% of your final course grade!
• 4 components of the scientific study of animal behavior
• Criteria for a trait to be adaptive and examples of adaptive traits
• Types of sensory receptors
• Basic functions of the nervous system
• Voluntary functions vs. Involuntary functions
• Perception in relation to behavior
• Nervous System - Terms to Know slide
• Zeitgebers (cues) and examples
• Length and examples of each animal rhythm AND cycle
• Free-running rhythms
• Reasons animals migrate
• Things animals use to navigate
• Conditioned stimulus vs. Unconditioned stimulus
• Conditioned response vs. Unconditioned response
• Extinction, Generalization, Inhibition, Discrimination (Learning)
• Positive Reinforcement vs. Negative Reinforcement and examples
• Habituation, Latent learning, Insight Learning, Imprinting, Chaining
• Characteristics of hormones
• Altricial
• Shaping of behavior
• Punishment
• Bridge in animal training
• Attributes of Cognition
• Metacommunication
• Types of neuroglia in the CNS and PNS
• Positive Taxes vs. Negative Taxes
• What do hormones do?
• “What do some animals do?” examples
• Species differences in orientation and navigation
• How animals signal
• Axon vs. Dendrites
• Freemartinism