



**BAKER COLLEGE**  
**STUDENT LEARNING OUTCOMES**

**VET1110 Laboratory and Exotic Animal Procedures and Nursing**  
**2 Semester Hours**

---

**Student Learning Outcomes & Enabling Objectives**

1. Asses the basic principles of animal research.
  - a. Explain the function and purpose of the IACUC.
  - b. Explain the components and purpose of animal use policies.
  - c. Compare and contrast animal rights vs. animal welfare.
2. Outline State, Federal, and local animal welfare regulations.
  - a. Discuss the scope and function of agencies involved with animal regulation.
  - b. Detail the concerns in raising orphan animals.
  - c. Examine the difficulties in keeping non-domestic animals as pets.
3. Summarize safe and effective handling of common laboratory animals (mice, rats, rabbits).
  - a. Demonstrate the ability to recognize and restrain.
  - b. Determine the sex.
  - c. Understand reproduction.
  - d. Explain basic care procedures.
  - e. Perform methods of injection.
  - f. Collect blood samples.
  - g. Explain the principles of anesthesia, including recovery.
  - h. Identify clinical signs of common diseases.
  - i. Explain the principles of diagnostic imaging.
4. Summarize safe and effective handling of avian, exotic and small animal species (birds, reptiles, amphibians, guinea pigs, hamsters, gerbils and ferrets).
  - a. Recognize different species and breeds.
  - b. Understand proper restraint.
  - c. Produce client education.
  - d. Explain husbandry concerns.
  - e. Determine objective data.
  - f. Demonstrate the ability to trim nails.
  - g. Understand appropriate sites and routes for administering medication.
  - h. Recognize normal and abnormal behavior patterns.
5. Explain safe handling techniques for non-human primates.
  - a. Understand proper restraint.
  - b. Outline zoonotic diseases and modes of transmission

---

These SLOs are/are not approved for experiential credit.

**Effective: Fall 2017**