



Course Description

ATE2612 | Small Animal Nursing 2 | 3.00 credits

A study of the basic concepts of nutrition, obstetric, and pediatric care, as well as the important aspects regarding zoonotic diseases, public health, and animal behavior. The student will also be introduced to alternative medicine, including holistic concepts, homeopathic, acupuncture, chiropractic and other emerging specialties. Prerequisites: ATE1110, 2611, 2631, 2655L; corequisite: ATE2050L.

Course Competencies:

Competency 1: The student will demonstrate knowledge of animal nutrition by:

1. Classifying nutrients and defining catabolism and anabolism phenomena
2. Analyzing the effects of minerals, vitamins, electrolytes, and water
3. Defining the amino acids and proteins as energy sources
4. Enumerating companion animal energy requirements and the reason for particular nutritional recommendations
5. Describing the perils of obesity and the general considerations of canine and feline nutrition
6. Explaining pet food labeling, ingredient lists, and the dry vs. Soft commercial pet foods and the impact of additives and preservatives
7. Assessing dog, cat, horse, pig, cattle, sheep, goat, and pet bird nutrition

Competency 2: The student will learn the factors that are relevant to zoonotic and public health by:

1. Discussing the major zoonotic diseases that may be encountered in a veterinary establishment, including bacterial, viral, fungal, prion, and parasitic, along with the universal precautions to prevent human disease
2. Discussing client education protocols regarding zoonotic and epidemiology information
3. Identifying those diseases of zoonotic importance that are considered reportable
4. Explaining the impact of contagious diseases on the economy, the reason for regulations regarding the import of animals, and the need for quarantine requirements
5. Developing a list of safety guidelines at the workplace that will protect animals and humans sharing space with sick animals
6. Identifying OSHA guidelines and other legal considerations and discussing proper attitudes regarding facility inspections by accrediting and government regulatory agencies

Competency 3: The student will understand animal behavior protocols by:

1. Practicing pre-surgical prep
2. Performing post-op observation (pain assessment, patient monitoring)
3. Practicing wound healing, care and observation

Competency 4: The student will understand principles of nursing procedures pre- and post-surgery by:

1. Describing the general concept of animal behavior categories and discussing animal psychology of dogs and cats, such as social hierarchies, alpha, beta, and omega individuals
2. Applying corrective techniques that may be utilized to address abnormal behavior in companion animals
3. Analyzing the differences between domestic, wild, tame, stray, and feral animals.
4. Demonstrating knowledge of Lemmon laws regarding the sale of animals and the impact on pet overpopulation and behavior problems in later life of puppy mills and similar inhumane operator
5. Discussing particular abnormal behaviors of dogs, cats, and horses, their possible causes, and common ways to modify them

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Demonstrate knowledge of ethical thinking and its application to issues in society