

Course Competency

ATE 2612 SMALL ANIMAL NURSING 2

Course Description

A study of the basic concepts of nutrition, obstetrics, 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. (3 hr. lecture) Prerequisites: ATE 1110, 2611, 2631, 2655L; corequisite: ATE 2050L. (3 hr. lecture)

| Course Competency | Learning Outcomes |
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| <p>Competency 1:The student will demonstrate knowledge of animal nutrition by:</p> | <ol style="list-style-type: none"> 1. Communication 2. Critical thinking 3. Computer / Technology Usage 4. Ethical Issues |
| <ol style="list-style-type: none"> 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 special nutritional recommendations. 5. Describing the perils of obesity and the general considerations of canine and feline nutrition. 6. Explaining pet food labeling, ingredients 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. | |
| <p>Competency 2:The student will learn the factors that are relevant to zoonotic and public health by:</p> | |
| <ol style="list-style-type: none"> 1. Discussing the major zoonotic diseases | |

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| <p>that may be encountered in a veterinary establishment, including bacterial, viral, fungal, prion, and parasitic along with the universal precautions to prevent human disease.</p> <ol style="list-style-type: none"> 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 to the economy and the reason for regulations regarding 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, other legal considerations, and discussing proper attitude regarding facility inspections by accrediting and government regulatory agencies. | |
| <p>Competency 3: The student will understand animal behavior protocols by:</p> | |
| <ol style="list-style-type: none"> 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, etc. 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 sale of animals and the impact on pet overpopulation and behavior problems in later life of puppy mills and similar inhumane operators. 5. Discussing particular abnormal behaviors of dogs, cats and horses, their possible causes, and common ways to modify them. | |
| <p>Competency 4: The student will understand</p> | |

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| principals of nursing procedures pre and post-surgery by: | |
| <ol style="list-style-type: none">1. Practicing Pre-surgical prep2. Performing Post –op observation (pain assessment, patient monitoring)3. Practicing wound healing, care and observation | |

Updated: FALL TERM 2022