

ANESTHESIA

First year students have not been introduced to this subject yet

SMALL ANIMAL CARE

1. Perform physical exam, TPR & know normal ranges for these parameters
2. General bathing / grooming procedures
3. Administration of IV, IM, Sub Q, P/O medications – no catheter placement knowledge
4. Enemas
5. Anal gland expression
6. Collect various samples - blood, urine, fecal
7. Calculate nutritional needs for various types of patients
8. Understand the principles of enteral nutrition and techniques
9. Manage and deliver nursing care to pediatric and geriatric patients

ANIMAL DISEASES

1. Be able to recognize common diseases in small and large animals
2. Be able to give basic advice on the disease, its communicability and methods of prevention

DENTISTRY

First year students have not been introduced to this subject yet

LABORATORY ANIMALS

First year students have not been introduced to this subject yet

LARGE ANIMAL CARE

First year students have not been introduced to this subject yet

LAB PROCEDURES

1. Microbiology
 - a. No knowledge of this subject yet
2. CBC
 - a. Perform White Blood cell estimate on blood film
 - b. Perform CBC & Differentials
 - c. Assess RBC morphology
3. Urinalysis
 - a. Not introduced into this subject yet
4. Clinical Chemistries
 - a. Understand the concept of quality control
 - b. Understand the methodology of and “trouble-shoot” dry serum chemistry techniques (we use Idexx equipment in the laboratory at TRU)
5. Parasitology
 - a. Not introduced to this subject yet
6. Understand the concept of ELISA tests and how to perform them

OFFICE/COMMUNICATION SKILLS

1. Be confident in Microsoft Word and Power Point
2. Students have been trained in the basic functions of a Veterinary Software package - Cornerstone
3. Know how to prepare and write a proper business letter
4. Know how to communicate with clients, including telephone skills

1ST YEAR STUDENT LEARNING CAPABILITIES FOR 1ST PRACTICUM 2 weeks held in December &/or January

5. Know how to prepare a CV, and conduct an interview for employment
6. Know proper medical terminology
7. Maintain client medical files
8. Understand the concept of client confidentiality & proper record keeping
9. Understand and support human animal relationships, including pet loss and grief
10. Conduct oneself in a professional and ethical manner
11. Writing a formal and informal report, including feasibility study
12. Write memos, reports and letters

PHARMACOLOGY

1. Understand the 5 rights
2. Creation of prescription labels
3. No pharmaceutical knowledge yet

RADIOLOGY

First year students have not been introduced to this subject yet

SURGICAL ASSISTANCE

First year students have not been introduced to this subject yet

COMPANION ANIMAL BEHAVIOR

1. Recognize normal behavior in dogs and cats
2. Interpret and apply learning behavior theory including classical and operant conditioning
3. Demonstrate positive, animal friendly management/restraint and training of animals
4. Identify common behavior concerns and problems in dogs and cats and describe/apply sound, basic behavior modification and training techniques to address those concerns
5. Assist clients and others in acquiring current knowledge about pet behavior; determining/attaining realistic behavior goals to facilitate positive pet-people relationships.
6. Fear free certified
7. Animal restraint for blood collection, SC/IM injections, including muzzles and cat bags

BACKGROUND COURSES

1. Anatomy of Domestic Animals – several species examined
2. Immunology & Diseases- No knowledge of this subject yet
3. Math
 - a. Drug Calculations
 - c. Basic Statistical Data
 - d. Concentration / Volume Problems
 - e. Calculate IV fluid rates
4. Medical Terminology
5. WHMIS - have written & passed WHMIS exam