

YUBA COMMUNITY COLLEGE DISTRICT

CLASS TITLE: VETERINARY TECHNOLOGY SPECIALIST
AUTHORIZED POSITION: CLASSIFIED
ASSIGNMENT LOCATION: YUBA COLLEGE

BASIC FUNCTION: Under the direction of the program administrator or designee, provide broad spectrum veterinary technical support of the Veterinary Technology Program of Yuba College. This position provides a high level of technical expertise, independent judgment and acceptance of responsibility and provides assistance to veterinary technology students by supervising and assisting in the learning of skills and practices related to the veterinary technology curriculum. This position requires working with domestic and non-domestic species of animals.

DISTINGUISHING CHARACTERISTICS:

The Veterinary Technology Program is a department within the Math, Science, Engineering and Allied Health Division that provides clinical experiences for teaching veterinary technician and veterinary assistant students of Yuba College. Its primary objectives are to train students through veterinary services offered to the staff of the College.

REPRESENTATIVE DUTIES:

Demonstrate interpersonal, oral and written communication skills to interact with a diverse group of students, staff, veterinarians and clients.

Recognize normal versus abnormal patient status in multiple species.

Set up and operate radiographic equipment to produce diagnostic films.

Use handling/restraint techniques for multiple species.

Establish an open airway in multiple species.

Assist students on laboratory, surgical, and diagnostic procedures, animal care and nursing techniques, veterinary legal regulations and procedures.

Assist in the instruction and supervision of the students in anatomy and anatomical dissection, patient restraint and handling, equipment/instrument use and maintenance.

Assist in the instruction of students in receiving/discharge procedures; feeding and patient housing protocols; standard emergency protocols of multiple species.

Assist in the instruction and supervision of students performing treatments and procedures of multiple species.

Prepare supplies, animals and equipment for teaching laboratories and assist in presenting labs as needed.

Assist students in program policy and procedures.

Observe patients of multiple species (cats, dogs, rodents, birds, reptiles, farm animals) and monitor patient's condition frequently using standard parameters and a variety of physiological equipment.

Place and maintain intravascular catheters in multiple species according to established protocols.

Collect biologic specimens such as blood, urine, feces, body fluids, and exudates.

Perform occult blood testing and laboratory tests such as PCV, TP, BUN, ketones and glucose.

Administer and monitor the administration of medications, injections and other treatments to all patients as prescribed; assist in performing physical exams using established protocols.

Assist in placing urinary catheters, performing transtracheal washes & nasal flushes following established protocols.

Assist in emergency procedures including CPR, establishment of open airways, blood transfusions and control of hemorrhage following established protocols.

Inform clients of patient status as per veterinarian instructions.

Ensure all anesthesia equipment is prepared prior to each case.

Evaluate physical status of patient prior to anesthetic induction using historical, physical examination, and laboratory data; assist with administering pre-anesthetic medications; perform endotracheal intubation.

Assist with inducing and maintaining anesthesia using various anesthetic delivery apparatus including the use of mechanical ventilators.

Monitor patient status using ECG, indirect or direct blood pressure monitoring, and other monitoring equipment; recognize changes in patient condition and respond appropriately; monitor and record all patient information on anesthetic record.

Assist with appropriate CPR/emergency treatments as directed by veterinarian; monitor patients during post anesthesia recovery.

Develop and maintain a list of items required for various routine surgeries; clean and stock surgery supplies; assist in surgeries as needed; set up and prepare patients for surgeries.

Supervise students/staff on proper instrumentation of surgical procedures; evaluate surgical equipment for damage before, during and after procedures; prepare and clean surgical equipment.

Scrub in and assist surgeon during surgical procedures as required by veterinarian.

Operate standard X-ray equipment and portable unit for ambulatory visits; set up for proper positioning of patient for radiographic examination; set proper technique for section of animal being examined and film used; monitor all patients during radiographic examination.

Set up and operate radiographic/developing equipment; label and develop films following established hospital protocols.

Administer and control departmental expenditures; maintain departmental records and participate in grant preparation.

Prepare reports and maintain pertinent files and other required records.

Provide non-laboratory business services such as purchasing, inventory, facilities and space utilization.

Schedule medical/surgical appointments

Perform specific functions supportive to teaching, prepare teaching materials and advise students; conduct surveys, compile and maintain specialized files such as for supplies and equipment; create reports and provide data to various regulatory agencies governing veterinary medicine and veterinary technology instruction to support compliance with federal, state and local laws (OSHA, AVMA, CA Dept Consumer Affairs).

Maintain liaison with hospitals, clinics and other affiliated institutions for teaching support operations.

Monitor all incoming patients for complete records and cage cards and complete as needed; record all treatments and patient assessments in the medical record; monitor patient records, advising the veterinarians when a record requires updating.

Input patient charges; hospitalize and discharge patients as needed, maintain all service areas; stock service areas with required equipment and materials.

Clean and maintain equipment in working order - anesthesia machines, surgery lights, cages, restraint gear, etc; monitor and instruct students in cleaning procedures; keep patients clean and comfortable and feed patients per hospital protocols.

Purchase and stock required foods.

Perform other associated duties as directed.

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

State and federal safety regulations involving laboratories

Computer assisted instructional and applicable software

Record keeping techniques

Instructional methods and techniques

Radiographic techniques for multiple species

Microbiology, physiology, pharmacology, anatomy and husbandry of a variety of animal patients

Medical terminology

Induction agents, anesthesia equipment and the proper use

ECG, indirect and direct blood pressure monitoring equipment and various other monitoring equipment

Radiation safety

Radiographic techniques for multiple species

Microbiology, physiology, pharmacology, anatomy and husbandry of a variety of animal patients

Surgical instrumentation, equipment and supplies

Steam, ETO and other methods of sterilization

Endoscopic equipment

Hospitalization and discharge of patients

Aseptic/sterile scrubbing, gowning and gloving techniques

Related disciplines such as biology, microbiology, anatomy, physiology or clinical sciences

ABILITIES TO:

Provide instructional and assistance to students

Assist with administering tests

Work independently with little direction

Maintain records and reports

Establish and maintain cooperative and effective working relationships with others

Supervise and evaluate students

Organize and prioritize daily workload without direct supervision

Problem solve

Recognize normal versus abnormal patient status in multiple species

Place and maintain intravascular catheters for multiple species

Perform occult blood testing and various other laboratory tests such as PCV, TP, BUN, KETONES and glucose

Perform treatments on patients per veterinarians orders

Place endotracheal tubes in multiple species

Monitor and assess anesthetized patients

Perform anesthesia of multiple species

Use normal physiologic and laboratory data, recognize when the patient is in difficulty, and respond appropriately

Set up and operate radiographic equipment to produce diagnostic films

Use handling/restraint techniques for multiple species

Administer medications via standard routes for multiple species

Calculate medication dosages
Accomplish the collection and transfusion of blood and blood components of multiple species
Perform urinary catheterization of multiple species
Control hemorrhage using standard protocol
Maintain endoscopic equipment
Recognize and manage difficult/unpleasant situations and/or individuals
Perform cystocentesis on multiple species
Perform a skin scraping and make slides
Collect and properly store biological samples
Administer emergency drugs
Properly disinfect/sanitize/clean work areas
Establish an open airway in multiple species
Instruct and supervise students
Keep patients clean and comfortable
Use various computer programs such as Excel, Word, Power Point and Photo Shop
Understand the needs of a diverse student population at all levels of Veterinary Technology courses as they relate to the mission of the Yuba Community College District
Use technology and computers in the classroom/laboratory setting

EDUCATION AND EXPERIENCE: Any combination equivalent to A Bachelors Degree and five years of experience in a veterinary hospital/clinic, working independently and performing daily Veterinary Technician duties.

LICENSES AND OTHER REQUIREMENTS:

A current California RVT license

ENVIRONMENT:

Non smoking work environment
Lab or classroom environment
Includes both indoor and outdoor environments

PHYSICAL ABILITIES:

Lifting up to 50 lbs
Standing for extended periods of time
Move animals on and off a gurney
Pushing and pulling to move heavy anesthesia machines and other equipment
Hearing and speaking to exchange information and teach
Seeing to read a variety of materials
Dexterity of hands and fingers to operate computer keyboard and other equipment
Bending at the waist, kneeling or crouching

HAZARDS:

Hazardous materials, dangerous animals and/or infectious diseases are present; specific hazards and materials in the Veterinary Technology Program
Exposure to zoonotic diseases, anesthesia, radiology, cleaning chemicals
Sick animals, distraught clients, potentially dangerous biological samples or unpleasant odors