Veterinary Technology (VET)

VET 110 Small Animal Nursing I
3 Hours
Prerequisites: Admission to program.
5 hours weekly (1-4)
Skill development in handling, restraint, and nursing techniques in dogs and cats. Emphasis on laws and ethics in veterinary medicine, breed identification, restraint techniques, history taking, physical examination, grooming, diagnostic sampling, therapeutic techniques, wound management, bandaging, fluid therapy, catheter placement, and preventive medicine.

VET 111 Small Animal Nursing II
3 Hours
Prerequisites: VET 110, VET 112, VET 117, VET 118.
5 hours weekly (1-4)
A continuation of VET 110 with emphasis on bandaging, venipuncture, immunology, dentistry, urinary diseases, and emergency nursing.

VET 112 Animal Anatomy and Physiology I
4 Hours
Prerequisites: Admission to program.
5 hours weekly (3-2)
This course provides an overview of the structure and function of animal body systems with a focus on homeostasis. Subjects covered include: fundamental cellular chemistry, physiology, cytology, histology, and anatomy of mammalian and avian species. Laboratory work includes observation of histology slides as well as identification of structures from each system on selected mammalian cadavers.

VET 113 Animal Anatomy and Physiology II
3 Hours
Prerequisites: VET 110, VET 112, VET 117, VET 118.
4 hours weekly (2-2)
This course is a continuation of VET 112. Subjects covered include: fundamental cellular chemistry, physiology, cytology, histology, and anatomy of mammalian and avian species. Laboratory work includes observation of histology slides as well as identification of structures from each system on selected mammalian and avian cadavers.

VET 116 Large Animal Nursing
3 Hours
Prerequisites: VET 110, VET 112, VET 117, VET 118.
5 hours weekly (1-4)
Handling, restraint, and nursing techniques in horses, cows, swine, and sheep. Fundamentals of selection, management, genetics, nutrition, and physiology of farm animals.

VET 117 Animal Radiology
2 Hours
Prerequisites: Admission to program.
3 hours weekly (1-2)
Utilization of radiographic equipment on animal and positioning for various anatomical exposures. With an emphasis on radiation safety and methods of obtaining high quality diagnostic pictures.

VET 118 Veterinary Practice Management
2 Hours
Prerequisites: Admission into program.
2 hours weekly (2-0)
Office practices used in a veterinary hospital including OSHA regulations, invoices, inventory, estimate preparation, record keeping, legal issues, grief management and customer relations.

VET 119 Animal Clinical Lab I
3 Hours
Prerequisites: VET 110, VET 112, VET 117, VET 118.
5 hours weekly (1-4)
This course teaches routine laboratory testing with an emphasis on hematology, urinalysis, and fecal examination.

VET 133 Animal Surgical Technology I
3 Hours
Prerequisites: VET 110, VET 112, VET 117, VET 118.
5 hours weekly (1-4)
Methods of surgery preparation with emphasis on surgery packs, instruments, autoclaves, sterile technique, surgical preps, and suture material. An introduction to intubation and anesthesia.
VET 138 Animal Pharmacology I
2 Hours

Prerequisites: VET 110, VET 112, VET 117, VET 118.
2 hours weekly (2-0)

A discussion of dosage and solution problems, dispensing procedures, client education, administration of drugs, and introduction to common veterinary drug classes.

VET 219 Animal Clinical Lab II
3 Hours

Prerequisites: VET 231. First year of program.
5 hours weekly (1-4)

Continuation of VET 119. Emphasis on blood chemistry, internal parasites, CBCs, cytology, histology, sample preparation, and other veterinary diagnostic testing.

VET 231 Vet Tech Internship I
3 Hours

Prerequisites: First year of program.
15 hours weekly (0-15)

Skill and proficiency development through participation in clinical rotations at veterinary clinics. Skills developed through the clinical site should include: large animal (if applicable), surgery, radiology, clinical pathology, nursing, client relations and care, telephone etiquette, necropsy, and exotics. Students will be placed within a designated clinic for the duration of the semester where all required hours must be successfully completed.

VET 232 Vet Tech Internship II
4 Hours

Prerequisites: VET 219, VET 231, VET 233, VET 238, VET 239. First year of the program.
16 hours weekly (1-15)

Continuation of VET 231. Continued skill and proficiency through participation in clinical rotations at Humane Societies, clinical practices, animal disease labs, rescue facilities, university teaching hospitals, emergency clinical or large animal facilities. Students will be placed within a designated facility for the duration of the semester where all required hours must be successfully completed. Students will meet once per week for participation in review of the Veterinary Technician National Examination.

VET 233 Animal Surgical Technology II
3 Hours

Prerequisites: VET 231. First year of program.
5 hours weekly (1-4)

Continuation of VET 133 with emphasis on anesthesia, surgical assisting, trauma surgery, ophthalmic, and thoracic surgery.

VET 235 Laboratory and Exotic Animals
3 Hours

Prerequisites: VET 219, VET 233, VET 238, VET 239, VET 231. First year of program.
4 hours weekly (2-2)

Students will be introduced to handling, restraint, and nursing techniques in common laboratory, exotic and wild animal species. Topics will include care and use of laboratory animals, sanitary procedures, clinical pathology, and common diseases.

VET 236 Animal Management and Nutrition
3 Hours

Prerequisites: VET 219, VET 231, VET 233, VET 238, VET 239. First year of program.
3 hours weekly (3-0)

This course will introduce basic principles of animal and herd health management including: nutrition, reproduction, pharmacology, vaccinations, diseases, and laboratory tests.

VET 238 Animal Pharmacology II
2 Hours

Prerequisites: VET 231. First year of program.
2 hours weekly (2-0)

A continuation of VET 138 with emphasis on drugs currently used in veterinary practice.
VET 239 Animal Diseases
2 Hours

Prerequisites: VET 231. First year of program.
2 hours weekly (2-0)

This course introduces students to the causes, symptoms, diagnosis and treatment of selected diseases of companion animals. Students will gain knowledge of disease processes and how they affect companion animals. Students will learn about commonly seen diseases within organ systems of mammals.