

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 obtaining medical history, record keeping, bathing, administering medicine. Obtaining blood, urine, and fecal specimens, providing client information and preventive health.

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: Acceptance into 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 116, 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: Admission to the program.
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 Radiography

2 Hours

Prerequisites: Admission to program.
3 hours weekly (1-2)

Utilization of radiographic equipment on animals and positioning for various anatomical exposures with an emphasis on radiation safety and methods of obtaining high quality diagnostic radiographs.

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 116, 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 116, 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 116, 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. Completion of 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 Animal Clinical Rotation I

6 Hours

Prerequisites: Completion of first year of program.
12 hours weekly (0-12)

Students develop skills and proficiency through participation in clinical rotations at clinical practices. Rotations include: companion animals, equine, food animal, wildlife, exotic animals, surgery, radiology, necropsy, clinical pathology, pharmacology, and practice management.

VET 232 Animal Clinical Rotation II

5 Hours

Prerequisites: Completion of the first year of the program.
9 hours weekly (1-8)

Students develop skills and proficiency through participation in clinical rotations at Humane Societies, clinical practices, animal disease lab and other clinical sites. Rotations include: equine, food animal, companion animal, wildlife, exotic animals, surgery, radiology, necropsy, clinical pathology, and practice management. Lecture topics will include review materials for national certifying exam.

VET 233 Animal Surgical Technology II

3 Hours

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

Continuation of Surgical Technology I 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. Completion of 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 233, VET 238, VET 239. Completion of 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. Completion of 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. Completion of 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 learn about commonly seen diseases within organ systems of mammals.