

VETERINARY TECHNOLOGY (VET)

VET 100 (2 credit hours)

Introduction to Veterinary Technology

Introduces students to veterinary technology, hospital operations, professional standards and ethics, common domestic breeds, and the basic concepts of animal behavior. Emphasizes preventative health programs and nutrition of common domestic species. Lecture: 2 credits (30 contact hours).

Co-requisite: VET 101.

Attributes: Technical

Components: LEC: Lecture

VET 101 (1 credit hours)

Introduction to Veterinary Technology Lab

Introduces the hands-on skills of a veterinary technician. Emphasizes veterinary practice management software, restraint techniques and fear-free handling of common domestic species, obtaining a medical history, and physical examination of small and large animals. Laboratory: 1 credit (30 contact hours)

Co-requisite: VET 100.

Attributes: Technical

Components: LAB: Laboratory

VET 116 (4 credit hours)

Animal Anatomy and Physiology

Provides a functional integration of basic science and clinical information as it relates to animals in an integrated lecture and laboratory approach, employing the organ system approach, using domestic and laboratory animals as models to discuss anatomy and physiology. Utilizes prosected animal specimens, fresh and preserved, as well as skeletons and models in the laboratory, to reinforce course concepts. Integrated Lecture: 3 credit (45 contact hours). Integrated Laboratory: 1 credit (45 contact hours).

Attributes: Technical

Components: LAI: Integrated Laboratory, LEI: Integrated Lecture

VET 120 (2 credit hours)

Clinical Practicum I

Provides practical experience in veterinary clinics and/or related facilities; students complete an average of approximately 12 hours of clinical practicum per week. Clinical: 2 credits (96 contact hours).

Pre-requisite: VET 122, VET 123, VET 160, VET 165.

Attributes: Technical

Components: CLN: Clinical

VET 122 (2 credit hours)

Veterinary Nursing I

Introduces students to various veterinary nursing techniques as they apply to diagnostic sampling, rehabilitation and alternative medical nursing, veterinary oncology, and animal reproduction. Emphasizes the nursing care of common domestic species as they progress through diverse life stages. Lecture: 2 credits (30 contact hours).

Pre-requisite: VET 100, VET 101, and VET 116.

Co-requisite: VET 123.

Attributes: Technical

Components: LEC: Lecture

VET 123 (1 credit hours)

Veterinary Nursing I Lab

Builds upon the basic skills learned in VET 101. Introduces essential nursing skills of common small animal domestic species as they pertain to obtaining diagnostic samples, routes of medication administration, and physical therapy techniques. Laboratory: 1 credit (30 contact hours).

Pre-requisite: VET 100, VET 101, and VET 116.

Co-requisite: VET 122.

Attributes: Technical

Components: LAB: Laboratory

VET 160 (3 credit hours)

Veterinary Pharmacology

Introduces the major drug classifications, covers the use and control of drugs, measurements and conversion factors, and methods of drug action and interaction used in small and large animal practice. Lecture: 3 credits (45 contact hours).

Pre-requisite: VET 100, VET 101, VET 116.

Attributes: Technical

Components: LEC: Lecture

VET 165 (3 credit hours)

Veterinary Clinical Laboratory I

Introduces the student to theory and techniques in parasitology and hematology. Familiarizes students with laboratory techniques performed in veterinary hospitals and clinics. Develops skills necessary to maintain a safe laboratory working environment, institute quality control programs, and properly handle clinical biological specimens. Lecture: 1 credit (15 contact hours). Laboratory: 2 credits (60 contact hours).

Pre-requisite: VET 100, VET 101, and VET 116.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture

VET 190 (2 credit hours)

Veterinary Diagnostic Imaging

Introduces students to various veterinary diagnostic imaging techniques covering radiology, ultrasonography, endoscopy, and contrast studies. Emphasizes the production of x-rays, radiation safety, and proper patient positioning. Lecture: 1 credit (15 contact hours). Laboratory: 1 credit (30 contact hours).

Pre-requisite: VET 122, VET 123.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture

VET 195 (2 credit hours)

Veterinary Emergency & Critical Care

Introduces theoretical and practical aspects of supporting the veterinarian in the management of medical and traumatic emergencies. Includes maintenance of emergency medical equipment and supplies. Requires the student to utilize critical thinking skills with acquired concepts and knowledge. Lecture: 1 credit (15 contact hours). Laboratory: 1 credit (30 contact hours).

Pre-requisite: VET 122, 123, 160, and 165.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture

VET 222 (3 credit hours)

Veterinary Nursing II

Develops comprehensive skills and considerations necessary for the routine nursing duties of the veterinary technician as they apply to small, large, and food animal medical nursing, toxicology, and necropsy. Lecture: 2 credits (30 contact hours). Laboratory: 1 credit (45 contact hours).

Pre-requisite: VET 122 and 123.

Co-requisite: VET 260 and 265.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture

VET 250 (5 credit hours)

Clinical Practicum II

Provides practical experience in veterinary hospitals, clinics, and/or related facilities; students complete an average of 16 hours per week.

Clinical: 5 credits (240 contact hours).

Pre-requisite: VET 120.

Attributes: Technical

Components: CLN: Clinical

VET 260 (4 credit hours)

Veterinary Surgery & Anesthesia

Develops skills in managing the veterinary anesthetic and surgical patient. Emphasizes anesthetic and analgesic drugs, anesthetic delivery equipment, patient monitoring surgical equipment, surgical assisting, surgical complications, client education and patient recovery. Uses laboratory exercises to reinforce material taught in lecture. Lecture: 2 credits (30 contact hours). Laboratory: 2 credits (90 contact hours).

Pre-requisite: VET 195.

Co-requisite: VET 222, VET 265.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture

VET 265 (3 credit hours)

Veterinary Clinical Laboratory II

Provides a basic background in veterinary pathology covering theory in microbiology, clinical chemistry, cytology, and urinalysis. Develops the knowledge and skills necessary to perform laboratory techniques, as well as quality assurance associated with the veterinary clinical laboratory.

Continues the VET 165 Veterinary Clinical Laboratory I course. Lecture: 1 credit (15 contact hours). Laboratory: 2 credits (60 contact hours).

Pre-requisite: VET 165.

Co-requisite: VET 222 and 260.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture

VET 270 (3 credit hours)

Veterinary Dentistry

Presents a comprehensive study of dental prophylaxis, dental abnormalities, charting, and dental diseases in small and large animals including exotics. Applies concepts to the operation and maintenance of dental equipment, including dental radiography and small animal dental prophylaxis. Emphasizes the scope of services that may be provided by the veterinary technician, including client education. Lecture: 2 credits (30 contact hours). Laboratory: 1 credit (30 contact hours).

Pre-requisite: VET 260, 222, and 265.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture

VET 275 (3 credit hours)

Exotic and Lab Animal Medicine

Emphasizes feeding, common management practices, and care of exotic and laboratory animals. Develops skills in sanitation and disease prevention techniques. Implements knowledge of nutrition, medication procedures, reproduction, and behavior of exotic animals in a clinical setting. Lecture: 2 credits (30 contact hours). Laboratory: 1 credit (30 contact hours).

Pre-requisite: VET 260, VET 222, and VET 265.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture

VET 290 (1 credit hours)

Veterinary Technology Seminar

Analyzes material previously studied in the program and prepares students for the Veterinary Technician National Examination. Addresses professional readiness. Lecture: 1 credit (15 contact hours).

Pre-requisite: VET 260, VET 265, and VET 222.

Attributes: Technical

Components: LEC: Lecture