

VETERINARY TECHNOLOGY (VETT)

VETT 101 # - Introduction to Animal Health Technology Units: 4

An introductory course in veterinary technology. Including but not limited to the various roles of veterinary technicians in the veterinary profession. The laws and ethics of veterinary medicine. The behavior of various animal species with regard to humane restraint and handling. Breed classifications of common domestic animals. Proper cleaning techniques of a veterinary facility. Proper medical record keeping techniques. Principles of general animal care including but not limited to physical exams and basic sampling techniques. Three hours of lecture and three hours of lab per week.

Transferability: May not transfer towards an NSHE bachelor's degree

Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program.

Term Offered: Fall

VETT 105 # - Veterinary Medical Terminology Units: 1

This course is an introduction to medical terms, laymen's terms, and abbreviations utilized by veterinarians and their clients. It includes canine and feline breed identification.

Transferability: May not transfer towards an NSHE bachelor's degree

Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program.

Term Offered: Fall

VETT 110 # - Comparative Animal Anatomy and Physiology I Units: 4

This course is designed to provide the student with the understanding of anatomy and physiology of domestic species that are most often encountered in food animal and companion animal practice. Topics include cell anatomy, cell metabolism and basic histology. Body systems include: integument, skeletal, muscular, nervous, and special senses. All information will be comparative with each species including canine, feline, equine, porcine, ruminants and avian.

Transferability: May not transfer towards an NSHE bachelor's degree

Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program.

Term Offered: Fall

VETT 112 # - Comparative Animal Anatomy and Physiology II Units: 4

This course is designed to provide the student with the understanding of anatomy and physiology of domestic species that are most often encountered in food animal and companion animal practice. Body systems include: Cardiac, lymphatic, digestive, reproductive, urinary, respiratory and endocrine. All information will be comparative with each species including canine, felines, equine, porcine, ruminants and avian.

Transferability: May not transfer towards an NSHE bachelor's degree

Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program and successful completion of VETT 110

Term Offered: Spring

VETT 125 # - Veterinary Office Procedures Units: 1

This course is designed to introduce to the veterinary technician student the roles and responsibilities of the receptionist, office manager, and hospital managers with regard to the veterinary facility. The course will introduce basic management procedures common in a veterinary clinic with respect to a veterinary technician. Topics covered include: basic communication techniques, record keeping, filing, computer software, resume construction and interviewing techniques.

Transferability: May not transfer towards an NSHE bachelor's degree

Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program.

Term Offered: Fall

VETT 128 # - Animal Nursing Units: 4

A course that highlights basic and advanced nursing procedures, including but not limited to restraint, behavior awareness, physical exams, reproduction, necropsy, specimen collection, euthanasia, companion animal diseases, emergency and critical care, laws and ethics, and practice management skills for veterinary technicians.

Transferability: May not transfer towards an NSHE bachelor's degree

Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program.

Term Offered: Spring

VETT 203 # - Clinical and General Pathology Units: 4

The course includes information in hematology, clinical chemistry, urinalysis and microbiology. The student will learn collection, handling, and transporting of biological samples. Students will learn laboratory procedures to assist in the diagnostic process. Two hours of lecture and six hours of lab per week.

Transferability: May not transfer towards an NSHE bachelor's degree

Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program.

Term Offered: Spring

VETT 205 # - Veterinary Diagnostic Imaging Units: 2

A course that deals with the principles of diagnostic imaging. Topics include: radiographic theory, equipment, positioning, safety regulations, safety equipment, film processing, radiographic technique evaluation, and an introduction to alternative imaging techniques.

Transferability: May not transfer towards an NSHE bachelor's degree

Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program.

Term Offered: Spring

VETT 208 # - Lab Animal Science and Exotics Units: 2

This course includes the principles involved with breed recognition, restraint, husbandry, nutrition, breeding, health conditions, disease recognition, and zoonotic potential of laboratory animals, reptiles and birds. The course also includes the technician's role in a research facility, zoological facility and a general veterinary practice.

Transferability: May not transfer towards an NSHE bachelor's degree

Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program.

Term Offered: Spring

- VETT 209 # - Parasitology** **Units: 2**
 This course includes the study of internal and external parasites of domestic animals. The student will learn identification, life cycles, routes of transmission, prevention and treatment protocols for the various parasites. Laboratory techniques used for identification will be covered in detail. The student will also learn the importance of public health safety, including procedures and protocols.
Transferability: May not transfer towards an NSHE bachelor's degree
Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program.
Term Offered: Fall
- VETT 211 # - Animal Nutrition** **Units: 2**
 A course in the normal and therapeutic nutritional needs of various species of animals. Topics include components of food, calculating energy requirements, digestion, and life stage needs.
Transferability: May not transfer towards an NSHE bachelor's degree
Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program.
Term Offered: Fall
- VETT 225 # - Pharmacology and Toxicology** **Units: 2**
 This course is designed to instruct veterinary technician students on the pharmacology and physiology of drugs, rules on filling prescriptions, and handling, storing, and documentation of controlled substances. Emphasis will be placed on classification of drugs, route and methods of administration of drugs, calculating dosages, and physiological action on the systems of the body. This course is worth 2.0 credits.
Transferability: May not transfer towards an NSHE bachelor's degree
Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program.
Term Offered: Fall
- VETT 227 # - Advanced Animal Nursing** **Units: 4**
 A course in small animal diseases and management.
Transferability: May not transfer towards an NSHE bachelor's degree
Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program.
Term Offered: Spring
- VETT 235 # - Anesthesia, Surgical Nursing & Dental Procedures** **Units: 4**
 This course consists of three sections: anesthesia, surgical nursing and dental procedures. The anesthesia section includes an overview of pharmacology, the use and application of anesthetic agents, the physiological effects of anesthetic agents, monitoring procedures, pain management, and basic anesthetic protocol. The surgical nursing section includes the understanding of sterile techniques including the methods, by which sterilization is achieved, appropriate behavior in a surgical setting, care of equipment and instruments, and the roles of the operating room staff. The dental section includes a basic understanding of dental anatomy, instrument identification and function, dental exams and cleaning, personnel safety and client education. Three hours of lecture and three hours of lab per week.
Transferability: May not transfer towards an NSHE bachelor's degree
Enrollment Requirements: Prerequisite: VETT 110 and VETT 112. Corequisite: VETT 225. Must be admitted to the Veterinary Technician Program.
Term Offered: Fall
- VETT 240 # - Large Animal Medicine** **Units: 4**
 This course includes large animal husbandry, restraint techniques, diseases, nursing and herd health management. The student will acquire the knowledge and skills through lecture and laboratory. Special topics include anatomy, reproduction, and nutrition and will be discussed as they relate to each species.
Transferability: May not transfer towards an NSHE bachelor's degree
Enrollment Requirements: Student must be admitted into the veterinary technician program
Term Offered: Fall
- VETT 250 # - Small Animal Critical Care** **Units: 3**
 A course in procedures, nursing and diseases with respect to the critically ill patient. Prerequisite: Admission to the veterinary technician program and successful completion of the first semester of the veterinary technician program.
Transferability: May not transfer towards an NSHE bachelor's degree
Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program.
Term Offered: Spring
- VETT 266 # - Directed Clinical Practices** **Units: 2**
 An externship allowing students to observe companion, food and equine practices. Students will observe all aspects of a working clinic. Externships will allow valuable exposure to the reception area, treatment and surgical areas, radiology, laboratory, kennel and stables.
Transferability: May not transfer towards an NSHE bachelor's degree
Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program.
Term Offered: Fall
- VETT 267 # - Advanced Clinical Practices** **Units: 2**
 An externship allowing students to participate in every aspect of a companion animal, food animal and equine practices. Students will participate in all aspects of a working clinic, under direct supervision. Externships will allow valuable exposure to the reception area, treatment and surgical areas, radiology, laboratory, kennel and stables. Prerequisite: Completion of all required courses in the veterinary technician program.
Transferability: May not transfer towards an NSHE bachelor's degree
Enrollment Requirements: Prerequisite: Must be admitted to the Veterinary Technician Program.
Term Offered: Spring