VETERINARY TECHNOLOGY (ELECTIVES) (VTE)

VTE 1021 BASIC DOG GROOMING
Description: Basic Dog Grooming provides an introduction to professional grooming. The entire process will be demonstrated and practiced. It includes prepping, bathing, drying, grooming, cuts and finishing. Creative grooming patterns for mixed breeds and purebreds are taught. An introduction to the dynamics of running a successful pet business is provided. Prerequisites: None. On-line learning format.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LEC

VTE 1111 STOCK DOG I
Description: A course for first-year students designed to help the student and their stock dog learn and practice the skills necessary to be successful in the low stress handling of livestock as well as in trial competition. This course will be taught by a variety of dog training philosophers with a concentration stock dog handling. The class will also take advantage of training DVD’s, guest clinicians ad regular practices with various species of hoof stock. Max credits per semester: 1
Max credits per degree: 2
Format: Lab
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 2
Format: LAB

VTE 1401 ANATOMY & PHYSIOLOGY LAB
Description: This class includes the clinical skills (labs) for VTE 1403 Anatomy. Basic body systems are studied at the tissue, organ and system levels. Comparison of various species of common domestic animals is stressed. Laboratory exercises include a study of the skeletal system and dissection of dog and cat specimens. Availability of large animal organs for comparison is encouraged. The on-site instructor is responsible for lab instruction grading of laboratory assignments and delivery of lab exams. The on-site instructor may develop an assignment worth 50 points total to customize the class to their site. Student must have a grade of at least 70% (C) to use as a pre-requisite course.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LAB

VTE 1403 ANATOMY AND PHYSIOLOGY
Description: This on-line class studies basic body systems at the tissue, organ and system levels. Comparison of various species of common domestic animals is stressed. Laboratory exercises include a study of the skeletal system and dissection of dog and cat specimens. Availability of large animal organs for comparison is encouraged. The on-site instructor is responsible for lab instruction grading of laboratory assignments and delivery of lab exams. The on-site instructor may develop an assignment worth 50 points total to customize the class to their site. Student must have a grade of at least 70% (C) to use as a pre-requisite course.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

VTE 1511 ANIMAL CARE LAB
Description: This lab course contains the clinical skills corresponding to VTE 1512 Animal Care. Both VTE 1512 and VTE 1511 must be taken and passed with a 70% to take Nursing I.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LAB

VTE 1512 ANIMAL CARE
Description: This on-line survey course introduces the student to canine and feline husbandry, including restraint, behavior, species and breed identification, basic technical techniques and the human-animal bond. Humane animal care and management is emphasized. The care, handling, feeding, basic nursing skills, normal values, administration techniques, basic grooming and sample collection are included. Both VTE 1512 and VTE 1511 must be taken and passed with a 70% to take Nursing I.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

VTE 1611 CONCEPTS IN BITS
Description: Students explore theories and designs of bits in relation to mouth anatomy and discipline functions. History of bits to current industry trend will be explored with the goal of students gaining a thorough understanding of what a bits role is in riding.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LEC

VTE 1621 CALVING ROTATION I
Description: Students observe and assist in calving. Enrollment limited. (Pre req: VTS 2532 Lg Animal Techniques, VTS 2593 Nursing II)
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: FLD

VTE 1623 EQUINE LABORATORY DIAGNOSTICS
Description: This course will help familiarize students interested in equine health with a variety of tests and equipment available for equine diagnostics. Complete blood counts, biochemical tests, urinalysis and other evaluation techniques will be discussed and practiced in this course.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

VTE 1633 EQUINE DISEASES
Description: In this course students study the causes of equine diseases and the principles of preventive veterinary medicine pertaining to equine. Study includes investigation of specific diseases and disease control measures as well as parasite management in the equine. Important zoonoses are covered. The course includes dosage calculations, and a survey of the common drug types used in equine medicine. Adverse drug reactions are discussed, labeling and packaging requirements, handling and storage of hazardous material and controlled drugs, preparing medications and vaccines, appropriate routes and methods of drug and vaccine administration are included.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
VTE 2101 DOG TRAINING
Description: This course includes principles and rationale of canine training. Basic behavior, exploration of techniques and basic training goals are included. Limited enrollment.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LEC

VTE 2111 STOCK DOG II
Description: A course for second-year students designed to help the student and their stock dog learn and practice the skills necessary to be successful in the low stress handling of livestock as well as in trial competition. This course will be taught by a variety of dog training philosophies with a concentration stock dog handling. The class will also take advantage of training DVD's, guest clinicians and regular practices with various species of hoof stock. Max credits per semester: 1 Max credits per degree: 2 Format: Lab
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 4

VTE 2322 INTRO TO VET OFFICE
Description: This on-line class provides an introduction into the Veterinarian's office and the knowledge essential for working in this position. It focuses on the terminology used in the clinic that is important for communication with clients, technicians, and veterinarians. Terminology expands into knowledge of areas such as infectious diseases, surgery, client relationships, animal care, and vaccinations.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

VTE 2342 SPANISH FOR ANIMAL HEALTH
Description: A beginning Spanish course to help one become familiar with terms used when working with people and animals in agriculture and animal health.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

VTE 2423 CANINE & FELINE NUTRITION
Description: This is an introductory canine and feline nutrition course. The course provides identification and function of nutrients, understanding pet food labels, and nutritional applications for well and unwell pets. It takes into account the various life stages of dogs and cats and disease processes that diet can affect.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

VTE 2522 EXOTIC PETS SELECTION & CARE
Description: This course is designed to introduce students to the selection decisions and overall concerns of owning common exotic animal pets. Specifics about animal species, housing and nutrition requirements as well as expectations of pet behavior and interaction will be addressed within this course.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC
VTE 2532 BASIC BIRD BEHAVIOR AND TRAINING METHODS
Description: This course will introduce students to the basics of bird behavior that influences training methods. The goal of the course is to help students of veterinary technology practice the best care for birds coming into the clinic by providing birds with cooperative skills via training methods. The philosophy of training without force and utilizing reinforcement will be discussed and utilized within the class.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

VTE 2542 WALK THE WILD SIDE
Description: Learn about the untamed side of veterinary technician medicine. Discover the positive impact Zoos and Wildlife Rehab centers can make. Work with endangered and rescued animals. Observe the business side of these operations. Do 80 hours of volunteer work at a zoo or wildlife rehab center and receive college credit. Enrollment is limited. (Pre req: Enrollment in Veterinary Technology)
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LEC

VTE 2552 FACILITY MANAGEMENT II
Description: Students study and assist with the daily work flow and management of animal facilities utilizing accepted animal welfare practices and standard operating procedures. Front office skill may be practiced and students have the opportunity to provide daily and special care for a selection of animals involved in the veterinary technology program. The course may include some weekend care of animals and facilities. The class is tailored to the student’s interest and the division’s needs. This class is offered as needed by students and must be prearranged with the division and class sponsor.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Format: LLB

VTE 2553 EXOTICS
Description: This course is designed as a continuation in learning to care for exotic animals that the veterinary technician may encounter in clinical practice. Species identification, housing requirements, nursing care, dietary needs, reproduction, and potential health problems will be discussed. Emphasis is usually placed on birds, reptiles, amphibians, small mammals, and alternative livestock species. The goal of this course is to provide the student with skills essential for entry-level positions as veterinary technicians working with non-domestic animals.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

VTE 2573 SAFARI
Description: This course of study is intended for students with a special interest in wildlife and/or exotic animals. Students from other divisions may contribute to a special design based on their department goals or interests. With the guidance of the instructor, students plan the study trip to expand their knowledge in topics outside the scope of college courses. Prior to the “safari”, students will set educational goals based on research pertinent to their trip. An open to the public presentation is developed following the experience and is intended to address their educational goals. (Pre req for Vet Tech is Fur and Feather and Exotic Animal Care. Other divisions will select courses at the discretion of the area instructor).
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

VTE 2611 EQUINE REPRODUCTION
Description: (Lab 1 hr) This course trains individuals in the techniques of Equine artificial insemination, semen collection, semen handling and shipping, as well as record keeping and various breed association requirements.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LEC

VTE 2613 EQUINE SURGERY AND ANESTHESIA
Prerequisites: Equine Nursing or concurrent enrollment
Description: This course will teach an understanding of and basic skills for operating room protocols and anesthesia. The class will cover anesthesia from standing sedation, to basic and commonly used drugs and the anesthetist’s responsibilities for induction, through surgery and recovery. Local and general anesthesia techniques and principles will be covered. The surgery portion will cover identification of common instruments, how to prepare them for sterilization, surgical prep and surgery suite management. This information will be presented through lecture, lab and field trips.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

VTE 2621 CALVING ROTATION II
Description: (Pre req: Calving Rotation I) Students observe and assist in calving (if available). Opportunities are available at a variety of sites. Necropsy and various other experiences may present themselves.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: FLD

VTE 2623 FEEDING THE EQUINE PATIENT
Description: This course will introduce students with an equine interest to the nutritional management of the equine patient. Diets and needs for specific classes of horses and the unique nutritional demands placed on horses during various disease processes will be included.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
VTE 2634 EQUINE DENTISTRY
**Description:** Students gain an understanding in theories and techniques of equine dentistry. Dentistry methods from basic floating to complete mouth balancing using hand tools, and incisor work will be covered. Equine restraint techniques for unsedated work as well as pharmacologically aided methods will be covered. (Pre req: Must be a DVM, LVT, or a student who has completed 35 hours of an AVMA accredited program)

**Credit Hours:** 4
**Max credits per semester:** 4
**Max credits per degree:** 4
**Format:** LEC

VTE 2643 EQUINE NURSING
**Prerequisites:** Production Animals

**Description:** Pre req: Large Animal Techniques II and ASI 1501 Equine Safety) This course provides information to enhance and focus a student’s understanding of equine nursing concepts.

**Credit Hours:** 3
**Max credits per semester:** 3
**Max credits per degree:** 3
**Format:** LEC

VTE 2743 VT OVERVIEW

**Description:** This course is designed to provide a comprehensive review of the field of veterinary technology. It is intended for students that have completed the veterinary technology program and need to review specific areas before entering the work force or sitting for the national veterinary technician exam.

**Credit Hours:** 3
**Max credits per semester:** 3
**Max credits per degree:** 3
**Format:** LEC

VTE 2811 ULTRASOUND

**Prerequisites:** VTS 1404 Anatomy

**Description:** The principles of ultra-sound are studied. The student is introduced to basic equipment care and use. Procedures are performed on small and large animals.

**Credit Hours:** 1
**Max credits per semester:** 1
**Max credits per degree:** 1
**Format:** LEC

VTE 2821 RADIATION SAFETY

**Description:** This course is designed for veterinary assistants who are working in a private practice. The course covers the dangers of radiation and how to protect our patients and ourselves from potential harm. Rules and regulations as they apply to veterinary assistants and technicians are reviewed and a clinic safety plan is developed. Successful completion of this course will allow the individual to meet the State of Nebraska's Radiation Safety requirements.

**Credit Hours:** 1
**Max credits per semester:** 1
**Max credits per degree:** 1
**Format:** LEC