Veterinary Technology

VT 102 Introduction to Animal Feeding and Nutrition

3.0 units

Acceptable for credit: Limited transfer to CSU
C-ID Course Number: N/A
The science of animal nutrition; the fundamentals of digestion and absorption in both ruminants and non-ruminants are discussed. The nutritive value of feedstuffs as they relate to the formulation of animal rations will be emphasized. Laboratory required. Field trips may be required. (Spring) (Letter Grade or Pass/No Pass)

VT 300 Introduction to Veterinary Technology

2.0 units

Acceptable for credit: D - Credit - Degree Applicable
Advisories: ENGL 101 - Freshman Composition: Exposition
This course introduces students to the field of veterinary technology. It will provide an overview of the various roles and responsibilities of the veterinary team. Basic animal nursing skills and clinical procedures are introduced. Topics will include veterinary medical terminology, diagnostic procedures, and veterinary medical and surgical nursing care. (Fall, Spring) (Letter Grade or Pass/No Pass)

VT 301 Veterinary Anatomy, Physiology and Terminology

3.0 units

Acceptable for credit: D - Credit - Degree Applicable
Advisories: ENGL 101 - Freshman Composition: Exposition
Limitations on Enrollment: Acceptance into the Veterinary Technology Program
Prerequisite: BIOL 100 - Introductory Biology ; and CHEM 120 - Introductory Chemistry
This course introduces the biology of animals, the chemistry of life and medical terminology used in veterinary medicine. It includes the study of basic normal anatomy and physiology (in both large and small animals) in a body systems format, along with related vocabulary and spelling. Commonly used veterinary acronyms and abbreviations are woven throughout the course where relevant. (Fall, Spring) (Letter Grade Only)

VT 302 Veterinary Office Procedures

2.0 units

Acceptable for credit: D - Credit - Degree Applicable
Advisories: ENGL 101 - Freshman Composition: Exposition
Limitations on Enrollment: Acceptance into the Veterinary Technology Program.
This course covers the various roles of the veterinary health care team including veterinary hospital record management, client and interpersonal communication, medical terminology, and legal, ethical, and safety issues. (Fall, Summer) (Letter Grade Only)

VT 303 Veterinary Pharmacology

2.0 units

Acceptable for credit: D - Credit - Degree Applicable
Advisories: ENGL 101 - Freshman Composition: Exposition
Limitations on Enrollment: Acceptance into the Veterinary Technology Program.
This course covers basic concepts in veterinary pharmacology, including the chemistry of pharmaceuticals and biologics commonly used in the maintenance of animal health. It also includes generic terminology, abbreviations for prescriptions, labeling requirements, state and federal laws, classification of materials, weights and measures, drug dosage flow rates, pharmacological mathematics and the metric system, side effects and drug interactions, and the safe handling of biohazardous material. (Letter Grade Only)

VT 304 Clinical Pathology & Microbiology

3.0 units

Acceptable for credit: D - Credit - Degree Applicable
Advisories: ENGL 101 - Freshman Composition: Exposition
Limitations on Enrollment: Acceptance into the Veterinary Technology Program.
Prerequisite: BIOL 100 - Introductory Biology
This course introduces students to the expansive field of clinical pathology and microbiology. Topics include bacteriology, clinical chemistry, urinalysis, cytology, hematology, internal and external parasites, immunology, and serology. (Fall, Spring) (Letter Grade Only)

VT 305 Medical Nursing & Animal Care

4.0 units

Acceptable for credit: D - Credit - Degree Applicable
Advisories: ENGL 101 - Freshman Composition: Exposition
Limitations on Enrollment: Acceptance into the Veterinary Technology Program.
Prerequisite: VT 301 - Veterinary Anatomy, Physiology and Terminology or RVT 301
This course covers diseases and animal nursing including animal examination, handling, and restraint of various species used in an animal hospital setting; including sanitation, administration of medicine, emergency treatment and critical care, diagnostic and therapeutic techniques, venipuncture, electrocardiology, application of casts, splints and other appliances. It includes zoonotic diseases, their causes and effects, and immunology of animals. (Spring) (Letter Grade Only)

VT 306 Surgical Nursing & Dentistry

4.0 units

Acceptable for credit: D - Credit - Degree Applicable
Advisories: ENGL 101 - Freshman Composition: Exposition
Limitations on Enrollment: Acceptance into the Veterinary Technology Program.
Prerequisite: VT 301 - Veterinary Anatomy, Physiology and Terminology
This course covers surgical nursing, assisting and instrumentation, surgical preparation, suturing techniques, post-operative care, anesthesia instrumentation, induction and monitoring, dental prophylaxis and extractions, IV catheter placement, sterilization of equipment and the maintenance of an aseptic environment. (Spring) (Letter Grade Only)

VT 307 Veterinary Radiology and Radiation Safety

2.0 units

Acceptable for credit: D - Credit - Degree Applicable
Advisories: ENGL 101 - Freshman Composition: Exposition
Limitations on Enrollment: Acceptance into the Veterinary Technology Program.
This course provides an introduction to the study of radiology, diagnostic imaging and equipment used in veterinary practices, radiation safety, and the safe operation of radiographic equipment. It includes image capture and processing, and patient positioning. (Fall, Spring) (Letter Grade Only)

VT 308 Introductory Clinical Laboratory Techniques

3.0 units

Acceptable for credit: D - Credit - Degree Applicable
C-ID Course Number: N/A
Studies of the laboratory techniques and procedures employed in evaluating clinical diagnostic samples. Emphasis will be placed on procedures common to veterinary medicine including hematology, serum chemistry, urinalysis, cytology, immunology, parasitology and microbiology. (Fall) (Letter Grade or Pass/No Pass)