

2024-2025 TTC Catalog - Veterinary Technology (VET)

VET 101 - Animal Breeds and Husbandry

Lec: 2.5 **Lab:** 1.5 **Credit:** 3.0

Course Offered

Fall

This course is a study of various species and breeds of domestic animals commonly encountered in veterinary medicine. Emphasis is placed on the recognition of each breed as well as important terminology and physiological data and behavior of each species of animal.

Grade Type: Letter Grade

Restrictions: Restricted to Veterinary Technology Majors

Division: Health Sciences

VET 104 - Veterinary Anatomy and Physiology

Lec: 2.5 **Lab:** 1.5 **Credit:** 3.0

Course Offered

Fall

This course provides a general survey of the functional anatomy and physiology of the domestic animals commonly encountered in veterinary medicine. Dissection of representative cadavers is performed in the laboratory.

Grade Type: Letter Grade

Restrictions: Restricted to Veterinary Technology majors.

Division: Health Sciences

VET 105 - Orientation to Veterinary Technology

Lec: 1.0 **Lab:** 0 **Credit:** 1.0

Course Offered

Fall

Spring

Summer

This course is a study of the different job opportunities for a veterinary technician. In addition, the course exposes the student to key characteristics of people who are successful in the field.

Grade Type: Letter Grade

Division: Health Sciences

VET 112 - Veterinary Terminology and Calculations

Lec: 2.0 **Lab:** 0 **Credit:** 2.0

Course Offered

Fall

This course is a study of veterinary medical terminology and pharmacologic and therapeutic calculations for the veterinary technician.

Grade Type: Letter Grade

Restrictions: Restricted to Veterinary Technology majors.

Division: Health Sciences

VET 117 - Animal Nutrition

Lec: 2.0 **Lab:** 0 **Credit:** 2.0

Course Offered

Fall

This course is a study of the different nutrients and their functions. Evaluating foodstuffs and exploring the role of dietary management and the use of prescription diets in small animals are covered in the course.

Prerequisite

VET 112

Grade Type: Letter Grade

Division: Health Sciences

VET 119 - Veterinary Diagnostic Imaging and Dentistry

Lec: 1.0 **Lab:** 6.0 **Credit:** 3.0

Course Offered

Summer

This course is the study of the fundamental principles of veterinary diagnostic imaging using digital radiographic techniques, including advanced imaging modalities. Also, the course is the study of diagnostic full-mouth dental radiographs and the principles and practices of veterinary dentistry.

Prerequisite

VET 142

Grade Type: Letter Grade

Division: Health Sciences

VET 140 - Veterinary Pharmacology

Lec: 2.0 **Lab:** 0 **Credit:** 2.0

Course Offered

Spring

This course is the study of the principles of pharmacology and the pharmaceutical products used in veterinary medicine.

Prerequisite

VET 101

and

VET 104

Corequisite

VET 142

Grade Type: Letter Grade

Division: Health Sciences

VET 142 - Veterinary Anesthesia

Lec: 2.0 **Lab:** 3.0 **Credit:** 3.0

Course Offered

Spring

This course is the study of the principles and practical uses of anesthesia in veterinary medicine.

Prerequisite

VET 101

and

VET 104

Corequisite

VET 140

Grade Type: Letter Grade

Division: Health Sciences

VET 152 - Clinical Pathology

Lec: 3.0 **Lab:** 3.0 **Credit:** 4.0

Course Offered

Fall

This course is a study of veterinary hematology, urology and clinical chemistry followed by application of standard laboratory procedures and regulatory testing in each of these disciplines.

Prerequisite

VET 216

Grade Type: Letter Grade

Division: Health Sciences

VET 160 - Clinical Techniques II

Lec: 2.0 **Lab:** 3.0 **Credit:** 3.0

Course Offered

Spring

This course provides a survey of technical skills required by the veterinary technician with emphasis on radiographic and anesthetic procedures.

Prerequisite

VET 101

VET 104

Grade Type: Letter Grade

Division: Health Sciences

VET 170 - Veterinary Technician Externship

Lec: 0 **Lab:** 18.0 **Credit:** 6.0

Course Offered

Spring

This course provides clinical training in the veterinary field under the direct supervision of a licensed veterinarian in a veterinary facility.

Prerequisite

VET 250

Grade Type: Letter Grade

Division: Health Sciences

VET 203 - Small Animal Diseases, Zoonosis and Client Education

Lec: 3.0 **Lab:** 0 **Credit:** 3.0

Course Offered

Fall

This course provides a study of small animal diseases, including their etiology, symptoms, treatment and prevention. Emphasis is placed on the zoonotic potential of specific diseases in addition to strategies for client education.

Prerequisite

VET 216

Grade Type: Letter Grade

Division: Health Sciences

VET 207 - Large Animal Clinical Practice

Lec: 2.0 **Lab:** 3.0 **Credit:** 3.0

Course Offered

Fall

This course is a study of topics relevant to medical and surgical techniques of the common domestic large animal species. Topics include physical exam, restraint, sample collection, bandaging, emergency treatment, surgical and obstetrical procedures and instruments, herd health and lameness.

Prerequisite

VET 240

Grade Type: Letter Grade

Division: Health Sciences

VET 216 - Veterinary Parasitology and Laboratory Animal Medicine

Lec: 2.0 **Lab:** 3.0 **Credit:** 3.0

Course Offered

Summer

This course covers the clinically significant internal and external parasites that impact a variety of large and small animal species. Topics include diagnostic laboratory skills, the parasite's life cycle and potential zoonotic impact. All aspects of laboratory animal medicine are also explored.

Prerequisite

VET 142

VET 160

Grade Type: Letter Grade

Division: Health Sciences

VET 240 - Office Management and Client Education

Lec: 3.0 **Lab:** 0 **Credit:** 3.0

Course Offered

Summer

This course provides a study of office management, including the use of the computer in veterinary medical facilities. The course also includes an in-depth study of veterinary ethics and client education techniques.

Prerequisite

VET 160

Grade Type: Letter Grade

Division: Health Sciences

VET 250 - Clinical Techniques III

Lec: 1.0 **Lab:** 6.0 **Credit:** 3.0

Course Offered

Fall

This course includes a survey of technical skills required by the veterinary technician with emphasis on laboratory techniques.

Prerequisite

VET 142

and

Corequisite

VET 216

Grade Type: Letter Grade

Division: Health Sciences

VET 260 - Clinical Techniques IV

Lec: 1.0 **Lab:** 6.0 **Credit:** 3.0

Course Offered

Spring

This course surveys the technical skills required by veterinary technicians with emphasis on medical and surgical emergencies.

Prerequisite

VET 250

Grade Type: Letter Grade

Division: Health Sciences

VET 280 - Senior Seminar

Lec: 1.0 **Lab:** 0 **Credit:** 1.0

Course Offered

Spring

This course allows various topics applicable to the second-year student's curriculum to be discussed in small groups. This includes, but is not limited to, issues arising from the veterinary technician externship.

Prerequisite

VET 152

and

Corequisite

VET 250

Grade Type: Letter Grade

Division: Health Sciences
