

# VETERINARY TECHNOLOGY (VET)

## **VET 105 Introduction to Veterinary Technology (3 CR.)**

Introduces the role of veterinary technicians in veterinary practice. Includes medical terminology, ethics, professionalism, and basic concepts of patient care. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

## **VET 111 Anatomy & Physiology of Domestic Anim (4 CR.)**

Introduces the structure and function of the animal and of all the organ systems of common domestic animals, including histology, embryology, and genetics. Includes laboratory dissection and demonstrations. Lecture 3 hours. Laboratory 3 hours. Total 6 hours per week.

## **VET 116 Animal Breeds And Behavior (3 CR.)**

Surveys common species of domestic animals, including basic husbandry, care, and handling. Introduces identification of various breeds and their characteristics, including behavior patterns, problems, and solutions. Lecture 3 hours per week.

## **VET 121 Clinical Practices I (3 CR.)**

Presents clinical techniques commonly performed in veterinary practice. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

## **VET 122 Clinical Practices II (3 CR.)**

Presents clinical techniques commonly performed in veterinary practice. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

**Prerequisite(s)** VET 121

## **VET 131 Clinical Pathology I (3 CR.)**

Surveys techniques used in the veterinary hospital laboratory, including hematology, urinalysis, microbiology, cytology, immunology, clinical chemistry, serology, and necropsy. Emphasizes the use of microscope, automated laboratory equipment, and modern diagnostic procedures. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

## **VET 132 Clinical Pathology II (3 CR.)**

Surveys techniques used in the veterinary hospital laboratory, including hematology, urinalysis, microbiology, cytology, immunology, clinical chemistry, serology, and necropsy. Emphasizes the use of microscope, automated laboratory equipment, and modern diagnostic procedures. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

**Prerequisite(s)** VET 131

## **VET 133 Clinical Pathology III (3 CR.)**

Surveys techniques used in the veterinary hospital laboratory, including hematology, urinalysis, microbiology, cytology, immunology, clinical chemistry, serology, and necropsy. Emphasizes the use of microscope, automated laboratory equipment, and modern diagnostic procedures. Lecture 2 hours. Laboratory 3 hours. Total 5 hours per week.

## **VET 135 Anesthesia of Domestic Animals (2 CR.)**

Introduces the basic principles of anesthesia of common domestic species. Includes techniques of induction, monitoring, and recovery of patients using injectable and inhalation anesthetics. Lecture 1 hour. Laboratory 3 hours. Total 4 hours per week.

**Prerequisite(s)** MTH 133 or equivalent

## **VET 211 Animal Diseases I (2 CR.)**

Describes animal health and disease, surgical techniques used, and animal behavior. Includes demonstrations and selected observation and practice in animal hospitals, clinics, or research laboratories. Lecture 2 hours per week.

## **VET 212 Animal Diseases II (2 CR.)**

Describes animal health and disease, surgical techniques used, and animal behavior. Includes demonstrations and selected observation and practice in animal hospitals, clinics, or research laboratories. Lecture 2 hours per week.

## **VET 214 Animal Dentistry (2 CR.)**

Introduces the basic principles of dental care for common domestic species. Includes dental anatomy, nomenclature, common oral pathology, record systems, instrumentation, dental prophylaxis, common dental treatments, intraoral dental radiography, and local anesthesia techniques.

## **VET 216 Animal Pharmacology (2 CR.)**

Studies drugs and other medical substances of veterinary importance, including their characteristics, usage, measurement, dosage, administration, and also pharmacy management. Lecture 2 hours per week.

**Prerequisite(s)** CHM 101 or equivalent

## **VET 217 Intro to Lab, Zoo & Wildlife Medicine (2 CR.)**

Focuses on the identification, captive management, restraint and diseases of fish, reptiles, birds, rodents, rabbits, ferrets, primates, wild carnivores, and wild herbivores. Presents the fields of laboratory research zoological medicine. Lecture 2 hours per week.

## **VET 221 Advanced Clinical Practices III (4 CR.)**

Presents advanced clinical techniques commonly performed in veterinary practice. Lecture 2 hours. Laboratory 6 hours. Total 8 hours per week.

**Prerequisite(s)** VET 121, VET 122, VET 135, and VET 214

## **VET 235 Animal Hosp Mgmt And Client Relation (3 CR.)**

Introduces the basic concepts of business procedures of veterinary practice, including communication skills, office management, record keeping, and use of computers in veterinary practice. Lecture 3 hours per week.

## **VET 290 Coordinated Internship (1-5 CR.)**

Coordinated Internship