

## **COURSE DESCRIPTIONS**

### **VETERINARY TECHNOLOGY (VTHT)**

#### **#1140. VETERINARY JURISPRUDENCE AND ETHICS**

Survey of laws, regulations, and ethical standards governing the veterinary profession. Prerequisites: Enrollment in the Veterinary Technology Program and must have completed all other required VTHT courses with a "C" or better. One lecture hour per week. Contact hours: 16 total hours. Credit: One semester hour.

#### **#1205. VETERINARY MEDICAL TERMINOLOGY**

Introduction to word parts, directional terminology, and analysis of veterinary terms. Prerequisites: Enrollment in the Veterinary Technology Program or approval of the Program Director. Two lecture hours per week. Contact hours: 32 total hours. Credit: Two semester hours.

#### **#1209. VETERINARY NUTRITION**

Fundamentals of energy and non-energy producing nutrients, their sources and functions. Integration of concepts including digestion, absorption, and metabolism with application to normal and therapeutic nutritional needs. Prerequisites: Enrollment in the Veterinary Technology Program or approval of the Program Director. Two lecture hours per week. Contact hours: 32 total hours. Credit: Two semester hours.

#### **#1225. PHARMACOLOGICAL CALCULATIONS**

Skill development in calculating drug dosages. Prerequisites: Enrollment in the Veterinary Technology Program, and completion of all first semester courses with a "C" or better. Two lecture hours per week. Contact hours: 32 total hours. Credit: Two semester hours.

#### **#1260. CLINICAL - VETERINARY/ANIMAL HEALTH TECHNOLOGY/TECHNICIAN AND VETERINARY ASSISTANT**

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Lab fee required. Prerequisites: Enrollment in the Veterinary Technology Program and completion of all first, second, and Summer I semester courses with a "C" or better. Ten clinical hours per week. Contact hours: 160 total hours. Credit: Two semester hours.  
Extended Description: Clinical I

#### **#1345. VETERINARY RADIOLOGY**

Presentation of theory and principles and practical application of radiology within the field of veterinary medicine. Lab fee required. Prerequisites: Enrollment in the Veterinary Technology Program and completion of all semester I-IV courses with a "C" or better. Two lecture hours and two laboratory hours per week. Contact hours: 64 total hours. Credit: Three semester hours.

#### **#1349. VETERINARY PHARMACOLOGY**

Fundamentals of pharmacology including recognition, calculation, labeling, packaging, and administration of veterinary drugs, biologics, and therapeutic agents. Discussion of normal and abnormal responses to these agents. Prerequisites: Enrollment in the Veterinary Technology Program and completion of all first year courses with a "C" or better. Three lecture hours per week. Contact hours: 48 total hours. Credit: Three semester hours.

#### **#1401. INTRODUCTION TO VETERINARY TECHNOLOGY**

Survey of the profession of veterinary technology with emphasis on basic techniques, handling and care of animals, and ethical and professional requirements. Lab fee required. Prerequisites: Enrollment in the Veterinary Technology Program or approval of the Program Director. Three lecture hours and three laboratory hours per week. Contact hours: 96 total hours. Credit: Four semester hours.

#### **#1413. VETERINARY ANATOMY AND PHYSIOLOGY**

Gross anatomy of domestic animals including physiological explanations of how each organ system functions. Lab fee required. Prerequisites: Enrollment in the Veterinary Technology Program and completion of all first semester courses with a "C" or better. Three lecture hours and three laboratory hours per week. Contact hours: 96 total hours. Credit: Four semester hours.

#### **#1441. ANESTHESIA AND SURGICAL ASSISTANCE**

In-depth application of surgical, obstetrical, and anesthesia techniques including identification and use of instruments and equipment. Lab fee required. Prerequisites: Enrollment in the Veterinary Technology Program and completion of all semester I-IV courses with a "C" or better. Two lecture hours and six laboratory hours per week. Contact hours: 128 total hours. Credit: Four semester hours.

### **#2201. CANINE AND FELINE CLINICAL MANAGEMENT**

Survey of feeding, common management practices, and care of canines and felines in a clinical setting. Review of common diseases of canines and felines encountered in the practice of veterinary medicine. Lab fee required. Prerequisites: Enrollment in the Veterinary Technology Program and completion of all first year courses with a "C" or better. One lecture hour and three laboratory hours per week. Contact hours: 64 total hours. Credit: Two semester hours.

### **#2205. EQUINE CLINICAL MANAGEMENT**

Survey of feeding, common management practices, and care of equines in a clinical setting. Review of common diseases of equines encountered in the practice of veterinary medicine. Lab fee required. Prerequisites: Enrollment in the Veterinary Technology Program and completion of all first year courses with a "C" or better. One lecture hour and three laboratory hours per week. Contact hours: 64 total hours. Credit: Two semester hours.

### **#2209. FOOD ANIMAL CLINICAL MANAGEMENT**

Survey of feeding, management practices, and care of food producing animals in a clinical setting. Review of common diseases of food producing animals. Lab fee required. Prerequisites: Enrollment in the Veterinary Technology Program and completion of all first year courses with a "C" or better. One lecture hour and three laboratory hours per week. Contact hours: 64 total hours. Credit: Two semester hours.

### **#2217. EXOTIC ANIMAL CLINICAL MANAGEMENT**

Survey of feeding, common management practices, and care of exotic animals in a clinical or zoological setting. Review of common diseases of exotic animals encountered in the practice of veterinary medicine. Lab fee required. Prerequisites: Enrollment in the Veterinary Technology Program and completion of all first year courses with a "C" or better. One lecture hour and three laboratory hours per week. Contact hours: 64 total hours. Credit: Two semester hours.

### **#2260. CLINICAL - VETERINARY/ANIMAL HEALTH TECHNOLOGY/TECHNICIAN AND VETERINARY ASSISTANT**

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Lab fee required. Prerequisites: Enrollment in the Veterinary Technology Program and completion of all semester I-IV courses and VTHT 2431 with a "C" or better. Ten clinical hours per week. Contact hours: 160 total hours. Credit: Two semester hours.

Extended Description: Clinical II

### **#2323. VETERINARY CLINICAL PATHOLOGY I**

In-depth study of hematology and blood chemistries with emphasis on lab procedures. Lab fee required. Prerequisites: Enrollment in the Veterinary Technology Program and completion of all first year courses with a "C" or better. Two lecture hours and three laboratory hours per week. Contact hours: 90 total hours. Credit: Three semester hours.

### **#2421. VETERINARY PARASITOLOGY**

Study of parasites common to domestic animals including zoonotic diseases. Lab fee required. Prerequisites: Enrollment in the Veterinary Technology Program and completion of all first and second semester courses with a "C" or better. Three lecture hours and three laboratory hours per week. Contact hours: 96 total hours. Credit: Four semester hours.

### **#2431. VETERINARY CLINICAL PATHOLOGY II**

In-depth study of urinalysis and cytology. Survey of microbiological techniques. Emphasis on laboratory procedures. Lab fee required. Prerequisites: Enrollment in the Veterinary Technology Program and completion of all semester I-IV courses with a "C" or better. Three lecture hours and three laboratory hours per week. Contact hours: 96 total hours. Credit: Four semester hours.