

VETERINARY TECHNOLOGY (VET)

VET 108 (4 credit hours)

Veterinary Technology

Introduces students to veterinary medicine and technology through the lecture component; covering hospital operation, professional standards, and ethics. Introduces the study of breeds and strains of domestic animals, and the basic concepts of animal behavior. Emphasizes preventative health programs for common domestic species along with small animal nutrition and pet food marketing. Teaches and reinforces restraint techniques, medical history, physical exam, and practice management software in the laboratory component. Integrated Lecture/Lab: 4 credits (90 contact hours).

Co-requisite: AGR 240, BIO 112, BIO 113.

Attributes: Technical

Components: LAI: Integrated Laboratory, LEI: Integrated Lecture

VET 112 (4 credit hours)

Veterinary Microbiology

Examines the characteristics of microbes and their relationships to animal health and diseases. Introduces fundamental microbiological principles and laboratory techniques. Lecture/Lab: 4.0 credits (90 contact hours).

Pre-requisite: BIO 112, BIO 113, and VET 108.

Attributes: Technical

Components: LEC: Lecture

VET 116 (4 credit hours)

Animal Anatomy and Physiology

Provides a functional integration of basic science and clinical information as it relates to animals in an integrated lecture and laboratory approach, employing the organ system approach, using domestic and laboratory animals as models to discuss anatomy and physiology. Utilizes prosected animal specimens, fresh and preserved, as well as skeletons and models in the laboratory, to reinforce course concepts. Integrated Lecture/Laboratory: 4 credits (90 contact hours).

Pre-requisite: VET 108.

Co-requisite: VET 112.

Attributes: Technical

Components: LAI: Integrated Laboratory, LEI: Integrated Lecture

VET 120 (2 credit hours)

Clinical Practicum I

Provides practical experience in veterinary clinics and/or related facilities; students complete an average of approximately 12 hours of clinical practicum per week. Clinical: 2.0 credits (96 contact hours).

Pre-requisite: VET 110, 112, and 114.

Co-requisite: VET 130.

Attributes: Technical

Components: CLN: Clinical

VET 135 (5 credit hours)

Clinical Procedures I

Introduces essential nursing skills, surgical concepts, radiographic procedures, and neonatal care. Prepares the student to assist the veterinarian in performing surgery by introducing anesthesia, operation of the anesthesia machine, and surgical nursing procedures. Covers development, treatment, prevention, and control of infectious and non-infectious diseases. Lecture/Lab: 5.0 credits (135 contact hours).

Pre-requisite: VET 108, 112, and 116.

Co-requisite: VET 120.

Attributes: Technical

Components: LEC: Lecture

VET 210 (3 credit hours)

Pharmacology

Introduces the major drug classifications, covers the use and control of drugs, measurements and conversion factors, and methods of drug action and interaction used in small and large animal practice. Lecture: 3.0 credits (45 contact hours).

Pre-requisite: VET 120 and VET 130.

Co-requisite: VET 220 and VET 230.

Attributes: Technical

Components: LEC: Lecture

VET 220 (5 credit hours)

Parasitology and Clinical Lab

Covers the study of internal and external parasites of companion, exotic, and farm animals. Life cycles, diagnostic protocol, control, and treatment of the most common parasites will be discussed. Familiarizes students with laboratory techniques performed in veterinary hospitals and clinics. Examination and testing of blood, feces, urine, and exudates are performed for diagnostic and prognostic purposes. Development of skills necessary to maintain a safe laboratory working environment, institute quality control programs, collect, process, store, and transport clinical biological specimens. Lecture/Lab: 5.0 credits (135 contact hours).

Pre-requisite: VET 120 and VET 130.

Co-requisite: VET 210 and VET 230.

Attributes: Technical

Components: LEC: Lecture

VET 235 (4 credit hours)

Clinical Procedures II

Continues small and large animal medical nursing, aseptic technique, and surgical instrumentation. Builds upon VET 135 skills in surgical nursing, anesthesia monitoring, critical care, emergency medicine, and radiographic techniques. Integrated Lecture/Lab: 4 credits (120 contact hours).

Pre-requisite: VET 120 and VET 135.

Co-requisite: VET 210 and VET 220.

Attributes: Technical

Components: LAI: Integrated Laboratory, LEI: Integrated Lecture

VET 245 (5 credit hours)

Clinical Procedures III

Emphasizes lab animal care, advanced radiographic techniques, ultrasound, and clinical pathology. Covers dental prophylaxis, recognition of dental abnormalities, and charting. Includes refinement of skills introduced in previous courses, and field trips to veterinary and research facilities when appropriate. Lecture/Lab: 5.0 credits (135 contact hours).

Pre-requisite: VET 210, VET 220, and VET 235.

Co-requisite: AGR 280 and VET 250.

Attributes: Technical

Components: LEC: Lecture

VET 250 (5 credit hours)

Clinical Practicum II

Provides practical experience in veterinary hospitals, clinics, and/or related facilities; students complete an average of 16 hours per week.

Clinical: 5.0 credits (240 contact hours).

Pre-requisite: VET 210, VET 220, and VET 230.

Co-requisite: VET 240.

Attributes: Technical

Components: CLN: Clinical