COURSE DESCRIPTIONS

VETERINARY TECHNOLOGY (VTHT)

#1105. (VTHT) Veterinary Medical Terminology
1 lecture hour and 1 lab hour per week; 32 total contact hours. Credit: 1 semester hour.
Introduction to word parts, directional terminology, and analysis of veterinary terms. Prerequisites: Admissions into the Veterinary Technology Program. Co-enrolled: VTHT 1100 and VTHT 1301.

#1109. (VTHT) Veterinary Nutrition
1 lecture hour and 1 lab hour per week; 32 total contact hours. Credit: 1 semester hour.
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: Admissions into the Veterinary Technology Program. Co-enrolled: VTHT 1105 and VTHT 1301.

#1125. (VTHT) Pharmacological Calculations
1 lecture hour and 1 lab hour per week; 32 total contact hours. Credit: 1 semester hour.
Skill development in calculating drug dosages. Prerequisites: Completion of first VTHT courses. Co-enrolled: VTHT 1413 and VTHT 2217.

#1140. (VTHT) Veterinary Jurisprudence and Ethics
1 lecture hour per week; 16 total contact hours. Credit: 1 semester hour.
Survey of laws, regulations, and ethical standards governing the veterinary profession. Prerequisites: Completion of first, second, third, and fourth semester VTHT courses. Co-enrolled: VTHT 1441, VTHT 2260, VTHT 1245, and VTHT 2331.

#1245. (VTHT) Veterinary Radiology
1 lecture hour and 3 lab hours per week; 64 total contact hours. Credit: 2 semester hours.
Presentation of theory and principles and practical application of radiology within the field of veterinary medicine. Prerequisites: Completion of first, second, third, and fourth semester VTHT courses. Co-enrolled: VTHT 1441, VTHT 2290, VTHT 1140, and VTHT 2331.

#1249. (VTHT) Veterinary Pharmacology
2 lecture hours and 1 lab hour per week; 48 total contact hours. Credit: 2 semester hours.
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: Completion of the first, second, and third semester VTHT courses. Co-enrolled: VTHT 2209, VTHT 2205, VTHT 2201, and VTHT 2223.

#1260. (VTHT) Clinical – Veterinary/Animal Health Technology/Technician and Veterinary Assistant
10 clinical hours per week; 160 total contact hours. Credit: 2 semester hours.
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. Prerequisites: Completion of the first and second semester VTHT courses.

#1301. (VTHT) Introduction to Veterinary Technology
2 lecture hours and 4 lab hours per week; 96 total contact hours. Credit: 3 semester hours.
Survey of the profession of veterinary technology with emphasis on basic techniques, handling and care of animals, and ethical and professional requirements. Prerequisites: Admissions into the Veterinary Technology Program. Co-enrolled: VTHT 1105 and VTHT 1100.

#1413. (VTHT) Veterinary Anatomy and Physiology
3 lecture hours and 3 lab hours per week; 96 total contact hours. Credit: 4 semester hours.
Gross anatomy of domestic animals including physiological explanations of how each organ system functions. Prerequisites: Completion of first semester VTHT courses. Co-enrolled: VTHT 1125 and VTHT 2217.

#1441. (VTHT) Anesthesia and Surgical Assistance
2 lecture hours and 6 lab hours per week; 128 total contact hours. Credit: 4 semester hours.
In-depth application of surgical, obstetrical, and anesthesia techniques including identification and use of instruments and equipment. Prerequisites: Completion of first, second, third, and fourth semester VTHT courses. Co-enrolled: VTHT 1140, VTHT 2260, VTHT 1245, and VTHT 2331.
#2201. (VTHT) Canine and Feline Clinical Management  
1 lecture hour and 3 lab hours per week; 64 total contact hours. Credit: 2 semester hours. 
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. Prerequisites: Completion of the first, second, and third semester VTHT courses. Co-enrolled: VTHT 2205, VTHT 2206, VTHT 1249, and VTHT 2223.

#2206. (VTHT) Equine Clinical Management  
1 lecture hour and 3 lab hours per week; 64 total contact hours. Credit: 2 semester hours. 
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. Prerequisites: Completion of the first, second, and third semester VTHT courses. Co-enrolled: VTHT 2206, VTHT 2205, VTHT 1249, and VTHT 2223.

#2209. (VTHT) Food Animal Clinical Management  
1 lecture hour and 3 lab hours per week; 64 total contact hours. Credit: 2 semester hours. 
Survey of feeding, management practices, and care of food producing animals in a clinical setting. Review of common diseases of food producing animals. Prerequisites: Completion of the first, second, and third semester VTHT courses. Co-enrolled: VTHT 2205, VTHT 2201, VTHT 1249, and VTHT 2223.

#2217. (VTHT) Exotic Animal Clinical Management  
1 lecture hour and 3 lab hours per week; 64 total contact hours. Credit: 2 semester hours. 
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. Prerequisites: Completion of first semester VTHT courses. Co-enrolled: VTHT 1125 and VTHT 1413.

#2223. (VTHT) Veterinary Clinical Pathology I  
1 lecture hour and 4 lab hours per week; 80 total contact hours. Credit: 2 semester hours. 
In-depth study of hematology and blood chemistries with emphasis on lab procedures. Prerequisites: Completion of the first, second, and third semester VTHT courses. Co-enrolled: VTHT 2209, VTHT 2205, VTHT 2201, and VTHT 1249.

#2260. (VTHT) Clinical – Veterinary/Animal Health Technology/Technician and Veterinary Assistant  
10 clinical hours per week; 160 total contact hours. Credit: 2 semester hours. 
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. Prerequisites: Completion of first, second, third, and fourth semester VTHT courses. Co-enrolled: VTHT 1140, VTHT 1441, VTHT 1245, and VTHT 2331.

#2331. (VTHT) Veterinary Clinical Pathology II  
2 lecture hours and 4 lab hours per week; 96 total contact hours. Credit: 3 semester hours. 
In-depth study of urinalysis and cytology. Survey of microbiological techniques. Emphasis on lab procedures. Prerequisites: Completion of first, second, third, and fourth semester VTHT courses. Co-enrolled: VTHT 1441, VTHT 2260, VTHT 1140, and VTHT 1245.

#2421. (VTHT) Veterinary Parasitology  
3 lecture hours and 3 lab hours per week; 96 total contact hours. Credit: 4 semester hours. 
Study of parasites common to domestic animals including zoonotic diseases. Prerequisites: Completion of the first and second semester VTHT courses.