

Veterinary Technology Course Descriptions

- VTT 110 Small Animal Nursing I 1-6-3**
Handling, restraint, and nursing techniques in dogs and cats: emphasis on TPR; bathing; administering tablet, liquid, and injectable medications; and obtaining blood and urine specimens. Prerequisites: admission into Veterinary Technology program and concurrent enrollment in VTT 113, VTT 114, VTT 116, and VTT 119. F
- VTT 111 Small Animal Nursing II 2-4-3**
Small animal nutrition, preventative healthcare, euthanasia and continued skill development in nursing techniques including: venipuncture, otic and ophthalmic procedures; dental procedures; bandaging; indwelling catheters and fluid therapy; ectoparasite identification; and ECGs. Prerequisites: VTT 110, VTT 113, VTT 114, VTT 116, VTT 119, and BIO 111S
- VTT 112 Radiography 1-3-2**
Positioning for common views taken of animals; emphasis on methods for obtaining high quality diagnostic radiographs and radiation safety. Prerequisites: VTT 110, VTT 113, VTT 114, VTT 116, VTT 119, and BIO 111S
- VTT 113 Management Skills for the Veterinary Technician 2-0-2**
Selected principles of management for a veterinary practice: management of facilities, clients, personnel, marketing, ethics, basic computing skills, and professional development. Development of effective communication skills emphasized. Prerequisites: concurrent enrollment in VTT 110, VTT 114, VTT 116, and VTT 119F
- VTT 114 Clinical Lab I 1-3-2**
Routine laboratory tests, including complete blood counts (CBCs), fecal examinations, and blood chemistries; emphasis on developing laboratory techniques which produce consistent results. Prerequisite: concurrent enrollment in VTT 110, VTT 113, VTT 116, and VTT 119F
- VTT 115 Clinical Lab II 1-3-2**
Proficiency in CBCs, fecal examinations, blood chemistries, urinalysis, abnormal hematology, serology, and cytology. Prerequisites: VTT 110, VTT 113, VTT 114, VTT 116, VTT 119, and BIO 111S
- VTT 116 Large Animal Nursing 1-2-2**
Handling, restraint, and nursing techniques in horses, cows, and sheep. Prerequisite: concurrent enrollment in VTT 110, VTT 113, VTT 114, and VTT 119F
- VTT 117 Surgery Technology I 2-2-3**
Introduction to anesthesia for dogs and cats: patient monitoring, anesthetic machine use, intubation, anesthetic drugs and pain management. Surgical support skills: surgery pack preparation, instruments, autoclaving, aseptic techniques, surgical preps, surgical procedures, suture materials and post-op care. CPR. Prerequisites: VTT 110, VTT 113, VTT 114, VTT 116, VTT 119, and BIO 111S
- VTT 118 Veterinary Clinical Practicum 0-20-3**
Full-time work experience in a veterinary clinical site. Practicum site to be arranged by the student in consultation with the program director. Prerequisites: VTT 111, VTT 112, VTT 115, VTT 117, and VTT 150Su
- VTT 119 Common Veterinary Drugs I 3-0-3**
Basic concepts, terminology, references, and procedures necessary to dispense/administer drugs under the supervision of a veterinarian. Uses, actions, and secondary effects of common veterinary drugs. Mathematics necessary for veterinary professionals. Prerequisites: MAT 060 with a grade of C or higher, and concurrent enrollment in VTT 110, VTT 112, VTT 114, and VTT 116F
- VTT 150 Veterinary Anatomy I 0-3-1**
Veterinary Anatomy laboratory course for VTT students: external anatomy, skeletal, muscular, nervous, cardiovascular, respiratory, endocrine, renal and reproductive systems, sensory organs, and gastrointestinal tract of the dog and cat. Prerequisite: BIO 111 or equivalent.
- VTT 210 Clinic Care I 0-21-4**
Clinical rotations at U of I College of Veterinary Medicine. Aspects of veterinary medicine: necropsy, equine medicine, food animal medicine, large/small animal imaging/radiology, primary care, ICU, emergency care, and pharmacy. Prerequisite: VTT 118F
- VTT 211 Clinic Care II 0-21-4**
Clinical rotations at U of I College of Veterinary Medicine and Parkland College. Clinical settings and situations will allow for continued introduction and redemonstration of skills necessary for veterinary technicians. Prerequisites: VTT 210, VTT 212, VTT 214, and BIO 123S
- VTT 212 Surgery Technology II 2-1-3**
Surgical support and anesthesia for dogs and cats: gas anesthesia, nonbreathing systems, partial rebreathing systems, nitrous oxide supplementation, surgical assisting, emergency procedures, surgical drugs, fluids, and pain management. Prerequisite: VTT 118F
- VTT 213 Animal Management 4-0-4**
Selected principles of animal and business management in veterinary technology: nutrition, reproduction, vaccinations, diseases, laboratory tests, history-taking, costs, and client questions. Animals covered are the horse, cow, dog, cat, pig, and sheep. Prerequisites: VTT 210, VTT 212, VTT 214, and BIO 123S
- VTT 214 Laboratory Animals 1-2-2**
Introduction to the care and use of laboratory animals with discussion of correct sanitation procedures, laboratory animal handling, anatomical differences, clinical pathology, common diseases and treatment, and laboratory animal facility procedures and equipment. Prerequisite: VTT 118.F
- VTT 215 Common Veterinary Drugs II 1-0-1**
Uses, mechanisms of action, and secondary effects of drugs commonly administered and dispensed by veterinary technicians. Includes calculating drug dosages and dilutions. Prerequisites: VTT 119, VTT 210, VTT 212, VTT 214, and BIO 123S

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