VETERINARY TECHNOLOGY (VTEC)

**VTEC 10001 INTRODUCTION TO VETERINARY TECHNOLOGY 2 Credit Hours**
Introduction to veterinary technician's career: medical terminology, career choices, occupational safety, human-animal bond, pet loss, euthanasia, animal husbandry and basic nutrition, breed identification, basic animal behavior.
**Prerequisite:** None.
**Schedule Type:** Lecture
**Contact Hours:** 2 lecture
**Grade Mode:** Standard Letter

**VTEC 10002 VETERINARY NURSING I 3 Credit Hours**
Introduction to animal nursing: record keeping, kennel sanitation, animal restraint, syringe and needle identification/handling, injection techniques, physical exams, grooming and administration of medications. Lecture two hours, laboratory 3 hours weekly.
**Prerequisite:** Admission to technical study; and veterinary technology major.
**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab
**Contact Hours:** 2 lecture, 3 lab
**Grade Mode:** Standard Letter

**VTEC 10003 INTRODUCTION TO VETERINARY TECHNOLOGY 2 Credit Hours**
Introduction to veterinary technician's career: medical terminology, career choices, occupational safety, human-animal bond, pet loss, euthanasia, animal husbandry and basic nutrition, breed identification, basic animal behavior.
**Prerequisite:** None.
**Schedule Type:** Lecture
**Contact Hours:** 2 lecture
**Grade Mode:** Standard Letter

**VTEC 10004 VETERINARY NURSING II 3 Credit Hours**
Clinical application off-site. Emphasis on skills from VTEC 10002: physical exam, medications, blood vessels catheterization, venipuncture; fluid therapy, wound care, patient rehabilitation and physical therapy, first aid, bandaging and CPR.
**Prerequisite:** Minimum C grade in BSCI 10005 and CHEM 10050 and BSCI 10110 and CHEM 10052 and BSCI 10110 and CHEM 10053 and VTEC 10001 and VTEC 10002 and VTEC 10204 and VTEC 10205 and VTEC 20008.
**Pre/corequisite:** VTEC 10206.
**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab
**Contact Hours:** 2 lecture, 3 lab
**Grade Mode:** Standard Letter

**VTEC 10005 CLINICAL LABORATORY I 3 Credit Hours**
Continuation and application of laboratory skills from Clinical Laboratory I; hematology, serology, cytology and other laboratory skills. Lecture 2 hours, laboratory 3 hours weekly.
**Prerequisite:** Minimum C grade in BSCI 10005 and CHEM 10050 and VTEC 10002 and VTEC 10204.
**Pre/corequisite:** VTEC 10001 and VTEC 10205.
**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab
**Contact Hours:** 2 lecture, 3 lab
**Grade Mode:** Standard Letter

**VTEC 10006 CLINICAL LABORATORY II 3 Credit Hours**
Continuation and application of laboratory skills from Clinical Laboratory I; hematology, serology, cytology and other laboratory skills. Lecture 2 hours, laboratory 3 hours weekly.
**Prerequisite:** Minimum C grade in BSCI 10005 and CHEM 10050 and VTEC 10002 and VTEC 10204.
**Pre/corequisite:** VTEC 10001 and VTEC 10205.
**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab
**Contact Hours:** 2 lecture, 3 lab
**Grade Mode:** Standard Letter

**VTEC 10007 CLINICAL LABORATORY III 3 Credit Hours**
Continuation and application of laboratory skills from Clinical Laboratory I; hematology, serology, cytology and other laboratory skills. Lecture 2 hours, laboratory 3 hours weekly.
**Prerequisite:** Minimum C grade in BSCI 10005 and CHEM 10050 and VTEC 10002 and VTEC 10204.
**Pre/corequisite:** VTEC 10001 and VTEC 10205.
**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab
**Contact Hours:** 2 lecture, 3 lab
**Grade Mode:** Standard Letter

**VTEC 10008 CLINICAL LABORATORY IV 3 Credit Hours**
Continuation and application of laboratory skills from Clinical Laboratory I; hematology, serology, cytology and other laboratory skills. Lecture 2 hours, laboratory 3 hours weekly.
**Prerequisite:** Minimum C grade in BSCI 10005 and CHEM 10050 and VTEC 10002 and VTEC 10204.
**Pre/corequisite:** VTEC 10001 and VTEC 10205.
**Schedule Type:** Laboratory, Lecture, Combined Lecture and Lab
**Contact Hours:** 2 lecture, 3 lab
**Grade Mode:** Standard Letter
VTEC 20214  VETERINARY NURSING AND HOSPITAL PROCEDURES  
3 Credit Hours  
Nursing procedures for laboratory and animal exotic procedures; procedures by a veterinary technician in a hospital environment including office and computer application. Lecture 1 hour, laboratory 6 hours weekly including computer applications.  
Prerequisite: BSCI 20021 and VTEC 20009 and VTEC 20010 and VTEC 20212.  
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab  
Contact Hours: 1 lecture, 6 lab  
Grade Mode: Standard Letter  

VTEC 20215  VETERINARY OFFICE APPLICATIONS    1 Credit Hour  
Overview of veterinary practice management including veterinary medical record keeping, marketing, staff responsibilities, interoffice communications and public relation techniques. Automated veterinary office processing and record-keeping. Computer hardware and software commonly found in small to mid-sized veterinary practices described along with office procedures and workflow.  
Prerequisite: BSCI 10005, VTEC 10001, VTEC 10002, VTEC 10204.  
Schedule Type: Laboratory  
Contact Hours: 3 lab  
Grade Mode: Standard Letter  

VTEC 20216  LABORATORY AND EXOTIC ANIMAL MEDICINE  2 Credit Hours  
Introduction to laboratory medicine and management, including basic husbandry, common diseases, and treatment protocols for various laboratory animal species, pocket pets, avian and exotic species. The student will learn scientific names and primary use of common laboratory animals and will practice restraint, sexing, appropriate methods of venipuncture, administration of medications, and anesthetic techniques.  
Prerequisite: VTEC 10001, VTEC 10205, VTEC 10206, VTEC 20008, VTEC 20010, VTEC 20212.  
Schedule Type: Combined Lecture and Lab  
Contact Hours: 1 lecture, 3 lab  
Grade Mode: Standard Letter  

VTEC 20392  PRACTICUM IN VETERINARY HOSPITAL (ELR)  5 Credit Hours  
(Repeatable for credit) Students gain practical experience in veterinary clinic or approved clinical site to focus on mastery of all clinical skills needed for this career.  
Prerequisite: BSCI 20021 and VTEC 20009 and VTEC 20010 and VTEC 20212.  
Corequisite: VTEC 20213 and VTEC 20214.  
Schedule Type: Practical Experience  
Contact Hours: 5 other  
Grade Mode: Standard Letter  
Attributes: Experiential Learning Requirement