

TRI-COUNTY TECHNICAL COLLEGE VETERINARY TECHNOLOGY PROGRAM



The Veterinary Technology Program is fully accredited by the AVMA (American Veterinary Medical Association) and upon completion of curriculum, student will receive an Associate Degree in Applied Science. We offer a full time two year day and a part time three year evening tracking program. Each program begins in the Fall Term and includes an externship during the Spring or Summer Term depending on tracking of program.

You will receive excellent instruction and extensive practical experience in a clinical setting to develop competencies in large and small animal nursing, diagnostic laboratory techniques, radiology, anesthesiology, surgical technology and hospital management. All students are required to participate in the daily care and training of animals housed at this facility, regardless of day or evening tracking.

In order to become a LVT (Licensed Veterinary Technician), upon completion of your Associate Degree with a Major in Veterinary Technology, you are expected to first take the (VTNE) Veterinary Technician National Examination licensing boards. Once you have passed VTNE, you will also take the State Laws and Regulations Exam in the state in which you wish to practice.

LVT's are qualified for employment with veterinary hospitals, teaching facilities, zoos, wildlife preserves, animal research and diagnostic labs, pharmaceutical companies, or any other animal related field.

Since the Veterinary Technology Program is an AVMA accredited program, we have student affiliations with NAVTA (National Association of Veterinary Technicians in America) as well as SCAVT (South Carolina Association of Veterinary Technicians). Every student enrolled in Veterinary Technology Program can be a member, receive a newsletter and will be entitled to membership discounts. A requirement of being a student in the program, will be performing mandatory community services and fund-raising events throughout the year. These funds are then used for community service projects, campus activities and the senior pinning graduation ceremony event.

**VETERINARY TECHNOLOGY
REQUIREMENTS FOR ADMISSION TO THE
VETERINARY TECHNOLOGY PROGRAM**

After completing the “Eight Steps to Enrollment” students who are interested in Veterinary Technology Program should:

1. **Meet with a Veterinary Technology Advisor.** Call for an appointment by contacting the Health Education Division Office (864) 646-1400 or schedule an appointment using eTc Starfish link for your assigned advisor. Note: Until all requirements for admission are completed, the student will be enrolled in the Pre-Veterinary Technology curriculum.

In addition to minimum placement scores, the following pre-requisites must be completed prior to admission in to the Veterinary Technology Program. **All courses** must be completed with a grade of "C" or higher. Please refer to the College Catalog for course prerequisite requirements.

- a. ENG 100 or Higher
 - b. RDG 100
 - c. MAT 102 or Higher
 - d. BIO 101
 - e. Minimum GPA of 2.0
2. Meet all the pre-requisite requirements and after attaining Department Head's signature, turned in his/her NOC Form (Notice of Completion Form) to the appropriate Health Education Division Admission Liaison located in Fulp Hall. The student will then be placed on the Veterinary Technology Complete List. The program has space for up to 24 students in the day curriculum and 15 students in the evening curriculum, depending on budgetary constraints. The cycle of classes begins each Fall Term.
 3. Complete VET 103 and VET 105 with a grade of "C" or higher during **Spring or Summer** semester prior to entering the clinical Fall Term.
 4. Attend mandatory Freshman Orientation Day (date will be given with notice through eTc email). Provide proof of current immunization for tetanus vaccine (required prior to the first day of Fall Term classes).

As part of the Health Education Division, it is mandatory that all Health Education students go through a criminal background check and drug screen. The criminal background check can be completed on line through SR&I. The cost is \$38.00 (subject to change), paid directly to SR&I and must be completed prior to the first day of class in Veterinary Technology Program Fall Term. Also, a urine drug screen will be conducted on campus after classes begin with limited notice. The cost is attached as a fee to applicable courses.

**VETERINARY TECHNOLOGY
DAY CURRICULUM
(Two Year)**

	C	L	Credit Hrs.
<u>SPRING or SUMMER SEMESTER</u>			
VET 103 Veterinary Medical Terminology	2	0	2
VET 105 Orientation to Veterinary Technology	1	0	<u>1</u>
			3
<u>FALL SEMESTER – FIRST YEAR</u>			
VET 150 Clinical Techniques I	2	3	3
VET 101 Animal Breeds & Husbandry	2	3	3
VET 104 Veterinary Anatomy & Physiology	2	3	3
ENG 101 English Composition I	3	0	3
MAT 120 Probability and Statistics	3	0	3
VET 116 Veterinary Radiology & Parasitology	1	6	<u>3</u>
			18
<u>SPRING SEMESTER</u>			
VET 160 Clinical Techniques II	2	3	3
VET 140 Veterinary Pharmacology	2	0	2
VET 142 Veterinary Anesthesiology	2	3	3
VET 152 Clinical Pathology	2	6	4
BIO 225 Microbiology	3	3	<u>4</u>
			16
<u>SUMMER TERM</u>			
VET 170 Veterinary Technician Externship	0	24	6
Elective Credits	3	0	<u>3</u>
			9
<u>FALL SEMESTER – SECOND YEAR</u>			
VET 250 Clinical Techniques III	1	6	3
VET 201 Diseases & Zoonoses	4	0	4
VET 270 Advanced Medical Care	3	0	3
PSY 201 General Psychology	3	0	3
SPC 205 Public Speaking	3	0	<u>3</u>
			16
<u>SPRING SEMESTER</u>			
VET 215 Laboratory Animal Medicine	1	3	2
VET 260 Clinical Techniques IV	1	6	3
VET 240 Office Management & Client Education	3	0	3
HSS xxx Humanities Elective	3	0	3
VET 280 Senior Seminar	1	0	<u>1</u>
			12

TOTAL PROGRAM HOURS: 74 CREDITS

* C = Lecture Credit and L = Lab Credit

* MAT 110 may be substituted for MAT 120 (**MAT 110 Approval by Dept. Head Only**)

* VET 103 & VET 105 must be taken Spring or Summer semesters prior to clinical entry into Fall Term.

* A Humanities course may be selected from the list provided in the College Catalog and/or Degree Works.

* Any alterations or substitutions to the curriculum plan must be approved by the Department Head.

**VETERINARY TECHNOLOGY
EVENING CURRICULUM
(Three Year)**

	C	L	Credit Hrs.
<u>SPRING or SUMMER SEMESTER</u>			
VET 103 Veterinary Medical Terminology	2	0	2
VET 105 Orientation to Veterinary Technology	1	0	<u>1</u>
			3
<u>FIRST SEMESTER (FALL)</u>			
VET 150 Clinical Techniques I	2	3	3
VET 104 Veterinary Anatomy & Physiology	2	3	3
ENG 101 English Composition I	3	0	<u>3</u>
			9
<u>SECOND SEMESTER (SPRING)</u>			
VET 101 Animal Breeds & Husbandry	2	3	3
VET 116 Veterinary Radiology & Parasitology	1	6	3
MAT 120 Probability and Statistics	3	0	<u>3</u>
			9
<u>THIRD SEMESTER (SUMMER)</u>			
VET 160 Clinical Techniques II	2	3	3
VET 142 Veterinary Anesthesiology	2	3	3
BIO 225 Microbiology	3	3	<u>4</u>
			10
<u>FOURTH SEMESTER (FALL)</u>			
VET 152 Clinical Pathology	2	6	4
VET 140 Veterinary Pharmacology	2	0	2
SPC 205 Public Speaking	3	0	<u>3</u>
			9
<u>FIFTH SEMESTER (SPRING)</u>			
VET 170 Veterinary Technician Externship	0	24	6
Elective Credits	3	0	<u>3</u>
			9
<u>SIXTH SEMESTER (SUMMER)</u>			
VET 270 Advanced Medical Care	3	0	3
VET 201 Diseases & Zoonoses	4	0	4
PSY 201 General Psychology	3	0	<u>3</u>
			10
<u>SEVENTH SEMESTER (FALL)</u>			
VET 250 Clinical Techniques III	1	6	3
VET 215 Laboratory Animal Medicine	1	3	2
VET 280 Senior Seminar	1	0	1
HSS xxx Humanities Elective	3	0	<u>3</u>
			9
<u>EIGHTH SEMESTER (SPRING)</u>			
VET 240 Office Management & Client Education	3	0	3
VET 260 Clinical Techniques IV	1	6	<u>3</u>
			6

TOTAL PROGRAM HOURS: 74 CREDITS

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* VET 103 & VET 105 must be taken Spring or Summer semesters prior to clinical entry into Fall Term.

* A Humanities course may be selected from the list provided in the current College Catalog and/or Degree Works.

* Any alterations or substitutions to the curriculum plan must be approved by the Department Head

*** In the event Evening Program Courses do not meet College Enrollment Requirements, students will be offered a seat in the Day Program.**

VETERINARY TECHNOLOGY

HEALTH EDUCATION DIVISION TECHNICAL STANDARDS

Required of all Health Education Division Students for Admission and Progression in a Health Sciences Program

Applicants and students should be able to perform these essential functions or with reasonable accommodations, such as the help of compensatory techniques and/or assistive devices and be able to demonstrate ability to become proficient in these essential functions.

Essential Function	Technical Standard	Some Examples Of Necessary Activities (not all inclusive)	YES	NO
Critical Thinking	Critical thinking and problem solving ability sufficient for appropriate clinical judgment.	Identify cause-effect relationships in clinical situations, use problem solving methods to assess, plan, carry out, and evaluate nursing or allied health care. Make appropriate judgment decisions in an emergency or where a situation is not clearly governed by specific guidelines.		
Interpersonal Skills	Sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds.	Establish and maintain effective working relationship with patients, peers, the public and clinical and college personnel.		
Communication Ability	Sufficient for interaction with others in verbal and written form. Read, write and speak with sufficient skill to communicate. Computer literacy desirable.	Communicate, in fluent English, both verbally and in writing with the patient, family, college, and hospital personnel, to transmit and receive information. Hear verbal responses from the patient, and hospital personnel while performing appropriate procedures.		
Physical/ Psychological Ability	Remain continuously on task for several hours while standing, sitting, walking, lifting, bending and/or transporting patients/clients.	Very mobile and able to tolerate long periods of standing, sitting, and heavy work load. Lift and/or move patients and equipment. Withstand the stress and demands of an active position. Refrain from nourishment or restroom breaks for periods up to 6 hours.		
Skin Condition	Skin must be in good condition. Lesions on the face, hands, or forearms, will prevent student from attending clinical (examples include but are not limited to: psoriasis, eczema, etc.)	Perform hand washing and/or surgical scrub and wear appropriate gloves. (A written excuse from a physician is mandatory for students who are latex sensitive.)		
Adequate Height	Ability to reach and operate overhead equipment.	Reach, manipulate, and operate all equipment.		
Mobility	Physical abilities sufficient to move from area to area and maneuver in small spaces; full range of motion; manual and finger dexterity; and hand-eye coordination.	May be exposed to kicking, biting or scratching injuries. May be exposed to equipment-related hazards. Withstand long hours of standing, walking, stooping, bending, and sitting.		
Motor Skills	Gross and fine motor abilities sufficient to provide safe and effective care of clients and operate equipment. Ability to reach and operate overhead equipment.	Demonstrate manual dexterity and good eye-hand coordination in daily work. Be able to lift independently up to 50 pounds. May be required to lift greater weights on demand. Reach above head at least 18 inches.		
Hearing Ability	Auditory ability sufficient to access non-direct essential information.	Must be able to hear and understand verbal instructions. Must be able to hear soft whispers of clients, equipment alarms, equipment malfunctioning sounds and emergency signals within normal hearing range. Must be able to tolerate loud, sustained, high pitched noises. If corrective hearing devices are required, must be worn while on duty.		
Visual Ability	Normal or corrected visual ability sufficient for observing, assessment and/or treatment of patient/client; ability to discriminate between subtle changes in density (black to gray) of a color in low light/ability to discern color variations.	Read procedure manuals, standard operating procedures, patient identification bracelets, and other pertinent materials for patient care and professional practice. Vision must be able to be corrected to no less than 20/40. If corrective lens devices are required, must be worn while on duty.		
Tactile Ability	Tactile ability sufficient for physical assessment.	Perform palpation, functions of physical examination, functions related to a care giver: perception relating to touch, textures, temperatures, weight, pressure, and one's own body position, presence or movements.		

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Olfactory Ability	Olfactory senses (smell) sufficient for maintaining environmental safety, and patient/client's needs.	Must be able to distinguish odors. Must be able to distinguish smells which are contributory to assessing and/or maintaining the patient's health status or environmental safety (fire).Has a significant tolerance to foul smells which may be part of the routine job.		
Professional Presentation	Ability to present professional appearance and attitude; implement measures to maintain own physical and mental health and emotional stability.	Demonstrate emotional stability and psychological health in the day-to-day interaction with clients, peers, and healthcare personnel related to work environment. Work under stressful conditions and irregular hours. Show concern for others.		
Exceptions	NONE			

Have you ever been dismissed from any clinical facility? Yes No

I understand that in addition to this form a criminal background check, a drug screen and health/immunization form are required for clinical/lab placement.

Student Name (Please Print)

Program Enrolled

Student Signature

Date

Advisor Signature

Date

Revised 2/2011

VETERINARY TECHNOLOGY CURRICULUM GUIDE

This information is intended as a guide only and does not supersede the College catalog. It is the responsibility of the student to manage this information

Name: _____ ID: T _____ Date: _____

PREREQUISITES				
Comprehensive Study Prerequisite	Required Score(s)	Course	Date Completed & Grade of "C" or Higher	Comments
Comprehensive English	Appropriate scores for ENG 100 or Higher			CENG prerequisite: ENG 100
Comprehensive Reading	Appropriate scores for ENG 100 or Higher			CRDG prerequisite: RDG 032
Comprehensive Algebra	Appropriate scores for MAT 102 or Higher			MAT 102 or Compass CALG 33
PREREQUISITES - Course completion required prior to Fall Term Clinical Eligibility.				
Prerequisite - Required Course		Date Completed & Grade of "C" or Higher		Comments
BIO 101 (Biology)				
VET 103 (Veterinary Medical Terminology)				Offered only during Spring & Summer Terms
VET 105 (Orientation to Veterinary Technology)				Offered only during Spring & Summer Terms

GPA – Minimum 2.0 Required: Current GPA: _____ Notice of Completion Form Signed by Dept. Head: _____

GENERAL EDUCATION COURSES - These courses may be completed prior to Fall Term Clinical Eligibility.			
Course Title	TCTC Course Number	Date Completed & Grade of "C" or Higher	Comments
Microbiology	BIO 225		Completion of BIO 101 prior to BIO 225
English Composition I	ENG 101		
Humanities Elective	HSS ###		List available in current catalog
College Algebra or Probability and Statistics	MAT 110 or MAT 120		MAT 110 Approval by Dept. Head Only
General Psychology	PSY 201		
Public Speaking	SPC 205		
Elective	XXX ###		BIO 101 is Accepted as an Elective Credit

MAJOR COURSES - Clinical Portion of Program (Day and Evening Tracking)				
Animal Breeds and Husbandry	VET 101			
Veterinary Anatomy & Physiology	VET 104			
Veterinary Pharmacology	VET 140			
Veterinary Anesthesia	VET 142			
Radiology & Parasitology	VET 116			
Clinical Techniques I	VET 150			
Clinical Pathology	VET 152			
Clinical Techniques II	VET 160			
Veterinary Technician Externship	VET 170			
Diseases & Zoonosis	VET 201			
Laboratory Animal Medicine	VET 215			
Office Management & Client Education	VET 240			
Clinical Techniques III	VET 250			
Clinical Techniques IV	VET 260			
Advanced Medical Care	VET 270			
Senior Seminar	VET 280			

**VETERINARY TECHNOLOGY
VETERINARY TECHNOLOGY PROGRAM
(Estimated Expenses)**

Program & Books - Amount varies per semester, total cost for program is **approximately \$2,100.00**

Uniforms – Men and Women

Program Scrub Sets (to be ordered through the Veterinary Technology Department.):

Scrub top/V-neck w/ one or two pockets: average cost \$18.00 to \$20.00 each

Scrub pants: various styles: average cost \$20.00 each

Lab Jacket w/ snap front & long sleeves: average cost \$20.00 each

One (1) Set: Surgical scrubs (solid color): average cost \$27.00 - \$31.00 each

Coveralls: average cost \$25.00 - \$30.00

Rubber Boots (knee high; no laces) * No steel toed boots allowed.

Required Equipment

Average Cost

Watch	\$20.00 & up
*Stethoscope	\$25.00 & up
*Bandage Scissor	\$10.00
*Hemostat	\$10.00
Digital Thermometer	\$10.00
Black Sharpie	\$2.00
Small calculator	\$5.00

* These items may be purchased through Veterinary Technology uniform vendor.

Other Expenses

Criminal Background Check	\$38.00
SCNAVTA Dues	\$5.00 - 7.00/yr
Veterinary Technology Graduation Pin (cost varies depending on choice of precious metal in the pin)	\$35.00 - \$200.00
South Carolina Licensing Exam	\$100.00
Veterinary Technician National Exam	\$350.00

VETERINARY TECHNOLOGY

ANIMAL CARE GROUP OVERVIEW

(Required by all Veterinary Technology Students)

Morning - (Meet in HA treatment room at 7:00 am for Fall & Spring Semester and 9:00 am for Summer Semester)

1. All treatments administered and charted
2. Rounds with attending Veterinarian/instructor after medications administered
3. Small and furry rooms - feed animals and place in day habitats

Mid-day - (12:00 - 1:00 pm)

1. Administer and chart treatments as needed
2. Check all animals and discard any feces
3. Make sure all animals have water
4. Clean assigned rooms

Afternoon - (After 4:00 pm)

1. All treatments administered and charted
2. Small and furry rooms - feed animals, clean, and return to night habitats
3. Check with Veterinarian/instructor before leaving at the end of the day

Review small and furry instruction manual for other duties.

Students will be required to stay in the building on assigned animal care day unless attending class or released by Veterinarian/instructor.

These duties are performed by all veterinary technology students in groups on a **rotational basis** five (5) days a week during each semester. During the Summer semester, this schedule is subject to change.

Each student is placed in an Animal Care Group. The dates that each group meets will be posted at the beginning of each semester in the treatment room.