NASH COMMUNITY COLLEGE
VETERINARY MEDICAL TECHNOLOGY PROGRAM
August 2022

The VMT program has **competitive selective admissions requirements** beyond those necessary for general admission to the college. A separate VMT program application is required after acceptance to the College. Refer to page 3 for the program's application, admission requirements and procedures.

The deadline for completion of all application eligibility requirements is June 2 each year to be considered for admissions to the subsequent fall VMT cohort. Applications accepted September 1 – June 2

In the event more applications are received by the June 2 deadline than the number of available seats in the VMT program, admission process becomes competitive and all applicants will be invited to take **required HESI Admission Assessment Exam**. For information on the HESI-A2, visit HESI-A2

PROGRAM ADVISING

Faculty advisors for the Veterinary Medical Technology program are available to assist you in meeting your educational goals. For general information regarding the program or assistance in selecting and registering for courses while preparing to apply to the program, contact the Health Sciences Advising Center at **healthsciencesadvising@nashcc.edu** or on campus at the Advising Center (Building A-2034) between 8:00AM and 6:00PM Monday – Thursday and 8:00AM – 1:00PM Friday.

For questions regarding the Veterinary Medical Technology program application process, determine meeting eligibility requirements or to receive a VMT Program application (after meeting application eligibility requirements), contact the Health Sciences Admissions Coordinator at 252-451-8390, **healthsciencesadmissions@nashcc.edu**, or Bldg. B-2130. More information on the college's webpage at **www.nashcc.edu/vmt**

GENERAL INFORMATION

Nash Community College's Veterinary Medical Technology (VMT) Program is a full-time, five-semester curriculum that prepares the student for a career in veterinary medicine through classroom, laboratory, clinical and work-based educational experiences. The VMT curriculum is designed to prepare individuals to assist veterinarians in preparing animals, equipment, and medications for examination and surgery; collecting specimens; performing laboratory, radiographic, anesthetic, dental procedures; assisting in surgery; and providing proper husbandry of animals and their environment. Course work includes instruction in veterinary anatomy, nutrition, parasitology, pathology, physiology, radiology, terminology, zoology, office practices, laboratory techniques, dentistry, and small and large animal clinical practices. Graduates of accredited programs may be eligible to take state and national examinations administered by the North Carolina Veterinary Board. Graduates are awarded the Associate in Applied Science degree and may be employed in veterinary clinics; diagnostic, research, or pharmaceutical laboratories; zoos; academic institutions; or other areas associated with animal care.

The Nash Community College's VMT program is accredited by the Committee on Veterinary Technician Education and Activities (CVTEA) of the American Veterinary Medical Association (AVMA) , 1931 North Meacham Road, Suite 100, Schaumburg, IL 60173-4360; 800-248-2862, email: www.avma.org

ARE YOU READY?

Veterinary Medical Technology education programs are content intensive and comprehensive. Potential students should be aware of the demands and individual characteristics needed to be most successful in a VMT education program.

Nash Community College recommends potential students thoroughly investigate and assess their individual readiness to enter a VMT education program. Students must understand the VMT program requires a significant amount of physical demands, exposure to a variety of animals including, but not limited to, rodents, rabbits, poultry, dogs, cats, cattle and horses leading to increased risk of potential personal injury within the animal care environment, and the ability to provide off-hour animal care duties as needed (including weekends).

VET prefix technical courses completed in North Carolina are considered for transfer credits on an individual basis based on course title, prefix, description, earned grade, completion date and from a CVTEA accredited program. Student is required to demonstrate retention of knowledge and skills in VET technical courses by successfully completing both a written proficiency examination and laboratory competency examination for each approved VET transfer course.

CRIMINAL BACKGROUND AND DRUG SCREEN POLICY

Criminal background checks and drug screens are not required for admissions to the VMT program. However, students can expect to submit to criminal background checks (state and/or federal, which may also include fingerprint, sex offender index, social security verification and health care fraud and abuse) and drug screens in order to meet regulatory criteria of facilities participating in clinical, laboratory or work-based components of the VMT program once admitted to the program. The VMT faculty recognizes and is fully supportive of clinical facilities mandating criminal background checks and /or drug screens on students in the program.

If a clinical facility prohibits a VMT student from participating at the facility based on the results of a criminal background check and /or drug screen, the student will be dismissed from the VMT program. No alternative clinical, laboratory or work-based experiences will be arranged on behalf of the student, resulting in the inability of the student to meet the curriculum requirements of the program. Students are encouraged to follow due process procedures described in the VMT program *Student Handbook* should they feel ineligibility was determined as a result of false or inaccurate information.

Students can expect to absorb all costs related to criminal background checks and/or drug screens. Specific procedures will be provided to students in the VMT program upon acceptance and enrollment. Students should also expect to submit to a criminal background check, at their own cost, when seeking initial eligibility for state licensure or credentialing.

PRE-EXPOSURE RABIES VACCINE

The Committee on Veterinary Technician Education and Activities (CVTEA) released changes to the standards of accreditation for safety of students, program personnel and animals regarding rabies risks effective January 1, 2022. Veterinary Medical Technology students must be vaccinated against rabies prior to live animal use to comply with the CVTEA updated standards. All Veterinary Medical Technology students are required to receive the pre-exposure rabies vaccine. The pre-exposure rabies vaccine series must be completed by the start date of the Spring Semester of the first program year. If a student has already received the pre-exposure rabies vaccine, an official lab report showing immunity by positive blood titer for rabies antibodies within the previous 2 years must be provided. A student who declines the pre-exposure rabies vaccine or is unable to complete the vaccine series requirements will not progress in the Veterinary Medical Technology program.

CLINICAL EDUCATION EXPECTATIONS

The VMT program requires clinical, laboratory or work-based learning (externship) experiences throughout the program. Off campus learning facilities are located in Nash and surrounding counties. Students can expect to have additional costs for uniforms, meals and travel to complete the clinical, laboratory or work-based components of the VMT curriculum. **Reliable transportation is critical!**

Off Campus Clinical, Laboratory or Work Based Learning Eligibility

Students are assigned to facilities that have a current education agreement with the VMT program at Nash Community College. If an assigned facility prohibits a student in the VMT program from participating in or completing the learning experience, no alternative experience will be arranged on behalf of the student. This will result in the student being unable to meet the curriculum requirements of the VMT program and, ultimately, being dismissed from the program. Examples (not inclusive) of situations which may lead to a facility's decision to prohibit or terminate a student's learning experience, are:

1. Results of a background check or drug screen (including all forms listed in the Criminal Background Check and Drug Screen policy);
2. Inability to demonstrate current physical examination, and immunizations;
3. Issues surrounding a student's previous employment at the facility;
4. Significant concerns or issues identified by representatives of the facility relating to the unsafe, unethical, illegal, or generally unprofessional conduct of a student;
5. Non-adherence to the facility's personnel and dress code policies, which includes the appearance or visibility of body art and piercings.

Nash Community College does not unlawfully discriminate in the recruitment of students or employees or with respect to employment terms and conditions on the basis of an individual's race, color, national origin, sex, sexual orientation, gender, gender expression, gender identity, genetic information, disability, age, religion, or veteran status

ACADEMIC REGULATIONS

In addition to the general institutional academic policies described in the **Academic Catalog**, the Veterinary Medical Technology curriculum adheres to the following standards:

1. A minimum grade of **C** (70%) or S (satisfactory) is required on all general education or related courses (non-VET prefix) for credit in the VMT program.
2. A minimum grade of **B** (80%) or S (satisfactory) is required on all VET and WBL prefix courses identified in the VMT plan of study for credit in the VMT program.
3. A course grade below **B** (80%) or **U** (unsatisfactory) for any VET or WBL prefix course, or failure to complete any non-VET prefix courses required after admission into the program is grounds for dismissal. Readmission at the point of interruption is not guaranteed. Refer to the Readmission Policy for specific details.
4. The student must maintain a 2.0 or higher GPA from the time of program application until completion to remain in satisfactory academic standing for eligibility and progression through the program.

APPLICATION PROCEDURE

Step 1. NASH COMMUNITY COLLEGE APPLICATION

Applicants must complete the general admissions application to Nash Community College by **May 30** either online at **Admissions-application process** or on campus at Student Services. The application process includes residency verification, submission of high school and all post-secondary transcripts required for program admission as described in the **Academic Catalog**

Step 2. VETERINARY MEDICAL TECHNOLOGY PROGRAM APPLICATION PROCESS

A. Application period is September 1 – June 2
B. **To be eligible for a program application, the student must meet the following criteria**
   1. Students must be eligible for enrollment in ENG 111 and MAT 171
   2. The student's overall grade point average must meet or exceed 2.00
C. Submit a VMT program application to the Health Sciences Admissions Coordinator by **June 2** for consideration of admission in the following fall semester (August). Contact the Health Sciences Admissions Coordinator at healthsciencesadmissions@nashcc.edu for an application to the Veterinary Medical Technology Program.
D. Eligible applicants will be invited to take the required HESI Admission Assessment (HESI A2) on annually established dates. Testing offered at Nash Community College and allowed once per calendar application period. The most recent HESI A2 composite percentage score establishes the applicant ranking. HESI A2 composite percentage scores are valid for two years. Students are required to pay the exam fee to sit for the HESI A2. Picture ID is required at the testing site. Nash Community College will only accept HESI A2 composite percentage scores directly transferred from HESI

ADMISSION SELECTION

Step 3. DETERMINATION OF ADMISSION STATUS

A. Applicants are ranked and selected for admission based upon the HESI-A2 composite percentage score and the ability for a maximum of 9 additional points for a total ranking score based on the following:

Criteria to earn additional points by the program application deadline date June 2		Points
CHM 130/130A	Couse completion with a grade of C or higher	2 points
MAT 171	Course completion with a grade of C or higher	2 points
Awarded Degree	Associate, Bachelor, etc. (must be reflected on the official transcript submitted to Admissions by the application deadline)	2 points
Experience	Current employment as a Veterinary Assistant, completing a Veterinary Certificate program, or demonstrating related work or training experience and handling exposure to animals. Documentation must be submitted to Admissions by application deadline	2 points
Nash CC current enrollment	Must have been enrolled in course during Spring Semester	1 point

In the event that the ranking process results in the same ranking score for more than one student to be offered a seat, priority will be given first to a student currently attending NCC, then the highest overall GPA.

B. Applicants will receive written notification of their conditional admission status prior to the extended registration period for fall semester. Program correspondence will occur through the Nash Community College student email. Applicants notified of conditional admission **must complete the following steps by the established deadlines to be accepted into the VMT Program:**

1. Submit evidence of a recent (within one year) physical examination, using a form provided by the College and available from the Health Sciences Admissions Coordinator.
2. Submit evidence of a current tetanus vaccination. The pre-exposure rabies vaccine series must be completed by the start date of the Spring Semester of the first program year. If a student has already received the vaccine, an official lab report showing immunity by positive blood titer for rabies antibodies within the previous 2 years must be provided. A student who declines the pre-exposure rabies vaccine or is unable to complete the vaccine series requirements will not progress in the Veterinary Medical Technology program.
3. Submit evidence of current Health Insurance

ESTIMATED PROGRAM COSTS

Nash Community College tuition and fees set by the State Board of Community Colleges and are subject to change without notice. College tuition and fees found at **Tuition-and-Fees**   Specific VMT program related expenses detailed **here**.

Term	In State Tuition	College Fees	VET Textbooks Program Expenses	VET Technical Tools/Supplies Program Expenses	Clinical Education Program Expenses	Other Program Expenses	Total
First Semester (Fall)	$ 1,292.00	$ 204.00	$ 275.00	$ 220.00	$ 100.00	$ 410.00	$ 2,501.00
Second Semester (Spring)	$ 1,292.00	$ 204.00	$ 250.00	$ 80.00	$ -	$ 410.00	$ 2,236.00
Third Semester (Summer)	$ 532.00	$ 94.00	$ 150.00	$ -	$ -	$ 10.00	$ 786.00
Fourth Semester (Fall)	$ 1,216.00	$ 193.00	$ 275.00	$ 80.00	$ 100.00	$ 10.00	$ 1,874.00
Fifth Semester (Spring-graduate)	$ 1,064.00	$ 171.00	$ 50.00	$ 80.00	$ -	$ 455.00	$ 1,820.00
Totals	$ 5,396.00	$ 866.00	$ 1,000.00	$ 460.00	$ 200.00	$ 1,295.00	$ 9,217.00

Term	Out of State Tuition	College Fees	VET Textbooks Program Expenses	VET Technical Tools/Supplies Program Expenses	Clinical Education Program Expenses	Other Program Expenses	Total
First Semester (Fall)	$ 4,556.00	$ 204.00	$ 275.00	$ 220.00	$ 100.00	$ 410.00	$ 5,765.00
Second Semester (Spring)	$ 4,556.00	$ 204.00	$ 250.00	$ 80.00	$ -	$ 410.00	$ 5,500.00
Third Semester (Summer)	$ 1,876.00	$ 94.00	$ 150.00	$ -	$ -	$ 10.00	$ 2,130.00
Fourth Semester (Fall)	$ 4,288.00	$ 193.00	$ 275.00	$ 80.00	$ 100.00	$ 10.00	$ 4,946.00
Fifth Semester (Spring-graduate)	$ 3,752.00	$ 171.00	$ 50.00	$ 80.00	$ -	$ 455.00	$ 4,508.00
Totals	$ 19,028.00	$ 866.00	$ 1,000.00	$ 460.00	$ 200.00	$ 1,295.00	$ 22,849.00

Please note this information intended for estimated cost only and is subject to change without notice.
Does not include: meals, housing, or travel expenses related to off-campus learning activities and externships.

FINANCIAL AID

Nash Community College makes every effort to provide financial assistance, where need exists, for students whose primary goal is to acquire post-secondary education. The NCC Academic Catalog details the Financial Aid process and types of aid available. Scholarship opportunities are available for students accepted into the VMT program through the NCC Foundation. Students are encouraged to apply.

 Department of Education regulations dictate to colleges what criteria must be met before financial aid awards from federal and state funds can be disbursed. Distribution of financial aid awards will be adjusted for late start classes.

 More detailed information about financial aid is available from the College's Financial Aid Office at 252-428-7328 or by sending an e-mail to nccfinancialaid@nashcc.edu

Curriculum Sequence Checklist
Veterinary Medical Technology - A45780

First Year Fall Semester Courses	Prerequisites	Class Hours	Lab Hours	Clin. Hours	Credit Hours
ACA 122 College Transfer Success	None	0	2	0	1
ENG 110 Freshman Composition **or** ENG 111 Writing and Inquiry	DRE 098	3	0	0	3
CHM 130 Gen, Org, & Biochemistry	None	3	0	0	3
CHM 130A Gen, Org, & Biochemistry Lab	None	0	2	0	1
VET 110 Animal Breeds & Husbandry	Admission to VMT	2	2	0	3
VET 121 Vet Medical Terminology	Admission to VMT	3	0	0	3
VET 123 Veterinary Parasitology	Admission to VMT	2	3	0	3
				Semester Total	**17**

Spring Semester	Prerequisites	Class Hours	Lab Hours	Clin. Hours	Credit Hours
MAT 171 Precalculus Algebra	DMA 010 - 080 or MAT 121	3	2	0	4
PSY 150 General Psychology	None	3	0	0	3
VET 120 Vet Anatomy & Physiology	ACA 122, CHM 130/130A, VET 120, VET 121 VET 123	3	3	0	4
VET 131 Vet Lab Techniques I	ACA 122, CHM 130/130A, VET 120, VET 121 VET 123	2	3	0	3
VET 133 Vet Clinical Practice I	ACA 122, CHM 130/130A, VET 120, VET 121 VET 123	2	3	0	3
				Semester Total	**17**

Summer Semester	Prerequisites	Class Hours	Lab Hours	Clin. Hours	Credit Hours
COM 110, 120 or 231		3	0	0	3
VET 125 Veterinary Diseases I	MAT 171, PSY 150, VET 120, VET 131, VET 133	2	0	0	2
VET 137 Vet Office Practices	MAT 171, PSY 150, VET 120, VET 131, VET 133	1	2	0	2
				Semester Total	**7**

Second Year Fall Semester Courses	Prerequisites	Class Hours	Lab Hours	Clin. Hours	Credit Hours
HUM / FA Elective	Course dependent (preferably HUM 115 or PHI courses - see list below)	3	0	0	3
VET 126 Veterinary Diseases II	COM course, VET 125, VET 137	1	3	0	2
VET 211 Vet Lab Techniques II	COM course, VET 125, VET 137	2	3	0	3
VET 213 Vet Clinical Practice II	COM course, VET 125, VET 137	1	9	0	4
VET 215 Vet Pharmacology	COM course, VET 125, VET 137	3	0	0	3
WBL 112A Work-based Learning 1	HU/FA, VET 126, VET 211, VET 213, VET 215	0	0	10	1
				Semester Total	**16**

Spring Semester	Prerequisites	Class Hours	Lab Hours	Clin. Hours	Credit Hours
VET 212 Vet Lab Techniques III	HU/FA course, VET 126, VET 211, VET 213, VET 215, WBL 112A	2	3	0	3
VET 214 Vet Clinical Practice III	HU/FA course, VET 126, VET 211, VET 213, VET 215, WBL 112A	1	9	0	4
VET 217 Large Animal Clin Practice	HU/FA course, VET 126, VET 211, VET 213, VET 215, WBL 112A	2	3	0	3
VET 237 Animal Nutrition	HU/FA course, VET 126, VET 211, VET 213, VET 215, WBL 112A	3	0	0	3
WBL 112B Work-based Learning 1	VET 212, VET 214, VET 217, VET 237	0	0	10	1
				Semester Total	**14**
Total Hours for Associate Degree Graduation					**71**

HUM/FA Elective (Select 1 course)
ART 111, ART 114, ART 115, DRA 111, ENG 231, ENG 232, ENG 233, ENG 241, ENG 242, ENG 261, ENG 262, HUM 110, HUM 115, HUM 120, HUM 130, HUM 150, HUM 160, HUM 180, HUM 211, HUM 212, MUS 110, MUS 112, PHI 215, PHI 220, PHI 230, PHI 240, REL 110, REL 211, REL 212

EXPOSURE AND INJURY RISK IN VETERINARY MEDICAL TECHNOLOGY

Students should be aware of the risks of injury from small and large animals (e.g. bites, scratches, kicks) in the VMT program as well as zoonotic disease risks (e.g. rabies, ringworm, brucellosis, intestinal parasites, toxoplasmosis and leptospirosis). It is important for students to always follow standard precautions, policies and procedures to minimize these risks.

READMISSION POLICY

The following policy clarifies the conditions under which a student, who exits the program, without satisfying all of its requirements, may return to the program to resume progress toward the Associate in Applied Science in Veterinary Medical Technology.

1. A student who fails to complete any of the VMT program as scheduled may reapply to the program by meeting the admissions criteria that are in effect at the time of reapplication. Students who reapply to re-enter at the point of non-progression will be considered if less than three (3) years has passed. In situations where greater than three (3) years has passed, the student will need to apply through the general application process, and be expected to start the beginning of VET prefix courses.
2. Re-entry into the programs is not guaranteed and will be considered on a case-by-case basis considering the point of re-entry, the number of currently enrolled students at the point of re-entry, and space availability for confirmed off-campus clinical, laboratory and work-based learning experiences.
3. The student will be required to demonstrate retention of knowledge and skills in VMT technical courses by successfully completing both a written proficiency examination and laboratory competency examination for each prerequisite course to the point of re-entry, regardless of an original passing grade for the course. A student must follow the same program course sequence and expected completion timeframe as currently enrolled students at the point of program re-entry.
4. A student dismissed from the VMT program as a result of inappropriate internet use; misconduct or unprofessional behavior during on- and off-campus learning activities; non-adherence to laboratory safety, clinical education and policies; or, significant concerns in regard to clinical expectations for safety, ethical, and legal standards will not be considered for re-entry to the VMT Program or subsequent admissions to any health sciences program at Nash Community College.

VMT FACULTY / ADVISORS

VMT Program Director	VMT Program Medical/Clinical Coordinator	Instructor
Gail Harrell, RVT	Catherine Deans, DVM	Karen Walker, RVT
tgharrell204@nashcc.edu	cldeans293@nashcc.edu	kkwalker189@nashcc.edu
252-451-8211	252-451-8343	252-451-8257
Office: Building D-4128A	Office: Building D-4019	Office: Building D-4227

MISSION, PHILOSOPHY, GOALS AND GRADUATE OUTCOMES

PROGRAM MISSION

The Veterinary Medical Technology program at Nash Community College provides quality instruction and services for students to develop the knowledge, skills, and professional behaviors necessary to earn the Associate in Applied Science degree in Veterinary Medical Technology. The program is dedicated to providing graduates who are competent and caring entry-level veterinary technicians who provide humane services that enhance the human-animal bond under the direction and supervision of a veterinarian.

PROGRAM PHILOSOPHY

The Veterinary Medical Technology program supports the mission and goals of Nash Community College. The faculty promote high standards of ethics and professionalism as it strives to meet the following commitments to students, the public and the College:

1. Assist qualified students to meet their individual goal of becoming a Veterinary Technician.
2. Prepare individuals to be competent Veterinary Technicians at the Associate Degree level.
3. Serve the needs of the public by providing skilled Registered Veterinary Technicians.
4. Contribute to fulfillment of the College mission by meeting the needs of students and the surrounding communities.

PROGRAM GOALS

The VMT program at Nash Community College will:

1. Function as an integral part of the College by faculty participation in committee assignments, professional development, and recruitment activities.
2. Identify, recruit, and accept qualified applicants by providing accurate information to students and the public that is sufficient to make informed decisions.
3. Provide an organized and comprehensive curriculum integrating regulatory, academic and clinical education experiences to prepare students as entry-level veterinary technicians.
4. Promote high academic, clinical and professional standards that foster the development of problem solving, critical thinking, and effective communication within the veterinary profession.
5. Graduate entry-level veterinary technicians capable of gaining licensure and prepared to work safely, compassionately, and effectively in the best interest of the public under the direction and supervision of a veterinarian as an integral member of the veterinary health care team.

GRADUATE OUTCOMES

Graduates of the Veterinary Medical Technology Program at Nash Community College will be able to:

1. Gain licensure and employment as an entry-level registered veterinary technician.
2. Work under the direction and supervision of a veterinarian while providing veterinary services.
3. Work collaboratively with veterinary professionals in a variety of clinical settings with the best interest of patients, owners and public health.
4. Demonstrate professional behaviors and clinical competence through effective communication, problem-solving and critical thinking in the delivery of veterinary services.
5. Uphold the ethical and legal standards of the profession by complying with the national and state regulations regarding the practice of registered veterinary technician in all practice settings.
6. Recognize the need for continued personal and professional growth through self-assessment and a commitment to lifelong learning to remain current in practice as a registered veterinary technician.

TECHNICAL STANDARDS OF VETERINARY MEDICAL TECHNOLOGY EDUCATION
Admission, Retention, and Graduation Standards

Students enrolled in the VMT program at Nash Community College must demonstrate competence in various intellectual, physical and social aspects that represent the fundamentals of a professional veterinary technician upon graduation. The VMT curriculum provides the general, technical and clinical education required to enable the student to work in an array of professional settings. All students must meet the minimum criteria established by the Nash Community College VMT program without regard to student preference or choice for specialty care delivery in the future.

The Americans with Disabilities Act (ADA) ensures qualified applicants to public institutions the ability to pursue program admissions; however, the applicant must meet essential requirements. All students admitted to the VMT program will be held to the same standards with or without reasonable accommodations.

The following functions are considered essential requirements for admission, retention and graduation in Nash Community College VMT program. The purpose of these functions is to ensure VMT students provide safe, competent client care.

Performance Area	Essential Function	Performance Example (Not all Inclusive)
Mobility/Motor Skills:	Sufficient motor ability (balance, coordination, speed and agility) and strength to: Move independently throughout a clinical setting	• To be able to walk and stand for at least 10 minutes at a time, multiple times an hour • Be able to lift objects weighing up to 50 pounds to a height of one meter or higher and carry the object or animal for a distance of two meters without assistance several times per day. • Be able to move his /her body a distance no less than three meters within two seconds of a signal to do so, to move rapidly from danger while handling animals in a confined space

Performance Area	Essential Function	Performance Example (Not all Inclusive)
Mobility/Motor Skills:	Move equipment/patients Ensure safe and effective treatment interventions.	• Use hands, arms and legs to handle, install, position, restrain and move live animals, materials, equipment and supplies. • Be able to have sustained contact with multiple species of animals and learn the safe handling, restraining, and working with these animals. • Perform essential functions of the profession. This includes but not limited to: adjusting resistance on equipment, holding hooves while cleaning and evaluating, managing syringes, catheters, and common surgical instruments • Complete physical assessment data collection and perform veterinary technician duties in a timely manner. This includes but not limited to performing palpation during physical exams, administering oral, intramuscular, subcutaneous and intravenous medication, inserting and removing tubes, collecting organic samples from live animals and performing wound care. Handle surgical instruments, which includes but not limited to assisting with hemostats or other instruments while assisting in surgery. • Monitoring general anesthesia in an animal patient as well as placing intravenous and urinary catheters. • Being able to hold, manipulate, or tie materials ranging from a cloth patch to a very fine string. This includes but not limited to: using a surgical sponge: typing a 00 silk suture; endotracheal intubation; intravenous injection; catheterizing animals to obtain sample of urine and/ or other body fluids; applying bandages
Sensory Abilities	Sufficient auditory, visual and tactile ability to monitor and assess health needs of patients.	• Auditory (corrected or not): Monitor and assess health status, including auscultation of heart and lungs, and respond to equipment alarms and warning sounds from animals, humans, and/or equipment of impending danger or injury. • Auditory (corrected or not): Recognize and respond to distress sounds from an animal • Auditory (corrected or not): Communicate ins surgery while all occupants wear surgical masks • Auditory (corrected or not): Detect movement of large animals in a pen or corral • Auditory (corrected or not):Be able to monitor multiple patients in an ICU • Visual (corrected or not): able to determine minute details, very small variations in color and adequate depth perception (size shape and texture), including differentiation of details as viewed through a microscope. This includes characterizing and interpreting the color, odor, clarity, and viscosity of body structures and fluids, observing variations in skin and mucous membrane color, integrity, pulsations, tissue swelling, etc. • Visual (corrected or not): able to observe and assess as necessary in nursing care both from a distance and close by in order to recognize physical status and non-verbal responses including behaviors. • Visual (corrected or not): Use a compound microscope to identify cells and organisms and be able to differentiate colors of stained objects.

Performance Area	Essential Function	Performance Example (Not all Inclusive)
Sensory Abilities		• Visual (corrected or not): able to observe a distance ranging from 30-45 centimeters to 10-20 meters at a discrimination level that permits detection of subtle differences in movement of the limbs in animals. This includes detecting and describing a change in color of hair coat caused by licking or trauma; detecting abnormal head posture in a parakeet; monitoring respiratory rate during anesthesia; reading anesthesia monitoring equipment. • Visual (corrected or not): able to discriminate shades of black and white patterns in which the band is not more than 0.5 mm in width. This includes characterizing bacterial hemolysis on a blood agar plate; density patterns on a radiograph; and trace ECG. • Visual (corrected or not): Possess adequate depth perception to a detection of 0.5 cm elevation, which is no more than 1 cm in diameter on a slightly curved surface. This includes detection of tissue swelling on the hip on a smooth-haired dog; determining presence of reaction to skin testing for allergies. • Tactile: palpate and interpret findings, i.e. palpation of pulses, lymph nodes or trachea to determine proper endotracheal tube size. • Tactile: recognize temperature or texture changes
Communication Skills	Sufficient communication abilities in English for written (printed and typed), verbal (direct and telecommunications) Non-verbal communication with patients, families and other health care providers in the clinical environment.	• Read, write, speak, and report accurately and effectively in English. • Comprehend and carry out complex written and oral instructions given in English • Utilize informatics appropriately within college and/or facility policy • Be able, when communicating with other individuals by speech; either in person or by telephone, to make legible and coherent written notes in English within appropriate space provided on the appropriate forms.
Behavioral/Social Interpersonal Skills	Sufficient behavior and social abilities to interact and work collaboratively with individuals, groups, and families	• Demonstrate professional and socially appropriate behavior; maintain cleanliness and personal grooming consistent with close human and animal contact. • Interact appropriately with clients and all members of the veterinary health care team • Demonstrate good judgement and make appropriate professional and procedural judgement decisions under stressful and/or emergency conditions (i.e. unstable patient condition), emergent demands (i.e. stat test orders), and distracting environments (i.e. high noise levels, complex visual stimuli, aggressive animals). • Be able to maintain a professional demeanor while in emotionally charged situations with co-workers, clients and patients.

Performance Area	Essential Function	Performance Example (Not all Inclusive)
Cognitive Ability / Critical Thinking Skills	Sufficient ability to collect, interpret and integrate information for sound clinical decision-making. Must be able to understand three dimensional and spatial relationships of structures, and discern complex information for good clinical judgments.	• Able to function in a structured environment within significant time constraints and capable of making rapid decisions in urgent situations and meeting deadlines • Able to complete required tasks / functions under stressful and/or unpredictable conditions, including emergency situations • Able to access information from books, reference manual, computers, paper and electronic medical documents to perform duties and safely use equipment without assistance • Able to access prioritize, organize, and utilize time-management skills to perform tasks. • Able to evaluate, synthesize and communicate diagnostic information to the attending veterinarian and / or staff • Able to progress toward minimum supervision while advancing through the program
Environmental	Possess the ability to tolerate environmental stressors	• Able to work in a wide variety of environments including out of doors in different weather conditions (heat and cold, rain, snow, wind, noise) and within a wide variety of animal handling facilities while exercising good judgement and making appropriate professional and procedural judgement decisions. • No allergy to any species of animals to the extent that would prohibit working in a facility that has them

Please Note: These requirements do not reflect the ability of the graduate to pass state licensing examinations, nor functions, which may be required for employment of the graduate.

Students seeking admissions to the VMT program must initial and sign showing they are capable of meeting the essential functions described with or without reasonable accommodations. It is the responsibility of the student with disabilities to request reasonable accommodations necessary to meet the essential functions. If an accommodation is requested, the student must provide documentation of his/her disability and the accommodation being requested to the College's ADA Officer, at **ADA@nashcc.edu**