

# FALL 2021



## VETERINARY TECHNOLOGY AAS

### Application Period

January 21 - May 3, 2021



Minimum requirements are subject to change each academic year.

# **Veterinary Medical Technology** *Selective Admission Requirements*

**Application Period: January 21, 2021 through May 3, 2021**

**MINIMUM REQUIREMENTS ARE SUBJECT TO CHANGE EACH ACADEMIC YEAR.**

### **Special Note from the Dean of Health Sciences office:**

*Due to the evolving effects of the COVID-19 crisis, the below described Fall 2021 selection processes to CFCC's health sciences are subject to change. If any changes arise involving CFCC's ability to adhere to the information below, CFCC will reserve the right to make adjustments and will make every effort to communicate these to the applicants in a timely manner.*

This program is designed to prepare individuals to assist veterinarians in preparing animals, equipment, and medications for examination and surgery; collecting specimens; performing laboratory, radiographic, anesthetic, and 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 are eligible to take state and national examinations administered by the North Carolina Veterinary Medical Board. **Please visit the Veterinary Medical Technology (VMT) Program website for more information on the program and the profession: <http://cfcc.edu/veterinary-medical-technology>.**

The VMT Program is a six semester, full-time program beginning in the Fall Semester of each year. Classes are held at the North campus and the clinical education component of the program is conducted in various veterinary and medical facilities affiliated with Cape Fear Community College by contract. Collectively the clinical affiliates provide a sufficient number and variety of veterinary procedures to offer students a well-balanced, supervised clinical experience. Transportation to and from these sites are the student's responsibility. Note: A criminal background check and drug screen may be required for some clinical sites.

### **Employment:**

Program graduates work in veterinary clinics, diagnostic, research, or pharmaceutical laboratories; zoos; academic institutions; or other areas associated with animal care.

### **Program Mission, Goals and Learning Outcomes:**

**Mission Statement:** The Program's mission is to prepare graduates to be competent VMT's.

### **Goals and Outcomes in Support of the Program's Mission:**

Program Goal #1: The graduates of the program will demonstrate competence in skills basic to the VMT Profession.

- Students will competently perform routine procedures.
- Students/graduates will provide proper patient care and management.
- Students/graduates will demonstrate proper safety practices to patients, self and others.

Program Goal #2: The graduates of the program will be able to effectively utilize problem solving, critical thinking and communication skills in the performance of veterinary procedures.

- Students/graduates will demonstrate competence in non-routine examinations.
- Students/graduates will demonstrate effective communication skills.

Program Goal #3: The graduates of the program will accept responsibility for continuing the process of professional development and growth.

- Students will demonstrate professionalism in the clinical area.
- Students will demonstrate knowledge regarding professional development.
- Graduates will exhibit interest in professional VMT organizations and professional development.

Program Goal #4: The program meets the needs of the community by providing qualified VMT's.

- Students will complete the program within 2 years.
- Graduates will pass the Veterinarian Technicians National Exam (VTNE).
- Graduates will seek employment in Veterinary Medical Technology occupations or enter advanced education programs.
- Employers will indicate satisfaction with graduates' quality of work.
- Graduates of the program will indicate satisfaction with preparation for employment.

## **APPLICATION PROCESS**

**It is the Veterinary Medical Technology applicants' responsibility to ensure that all requirements are met by the established deadline. Veterinary Medical Technology deadlines, guidelines, and policies apply equally to all students; thus there can be no exceptions.**

Admission to any and all educational programs offered by Cape Fear Community College is made without regard to race, color, sex, national origin, gender identity, sexual orientation, disability, veteran status or other irrelevant factors.

**The Veterinary Medical Technology program at CFCC requires a separate application as it is selective admission. Students must meet minimum requirements and complete an "Intent to Apply" during the application period. This is done electronically and can be accessed at the program website: <https://cfcc.edu/veterinary-medical-technology/>.**

Prior to completing the "Intent to Apply", prospective students must first complete the steps to be accepted for general admission to Cape Fear Community College. These steps are:

### **Students must:**

1. Complete the CFCC General Admissions Application, which includes the Residency Determination Application. For students that have applied to or have taken classes at CFCC before, their application has to be active. If students have not attended classes at CFCC for one year or longer they must reapply and be accepted prior to filing an Intent.
2. Request official transcripts from a regionally accredited High School/High School Equivalency agency attended. High School/High School Equivalency transcripts must indicate the date graduated. Official transcripts are those received either electronically, by mail or by hand delivery to CFCC in the original, sealed envelope from the awarding institution or agency. North Carolina public high school graduates may request their official high school transcripts be sent to the Admissions Office via the College Foundation of

North Carolina (CFNC) website at [www.cfnc.org](http://www.cfnc.org). Home schooled students must submit a copy of the home school’s approved registration from the state in which they are registered (if applicable), and a home school transcript with graduation date.

- Request official transcripts from **all** colleges/universities attended be mailed or electronically sent to the Admissions and Records Office. These will be reviewed for possible transfer credit.

Once accepted into CFCC, students must meet the minimum requirements listed below and then complete/file an “Intent to Apply” electronically during the application period:

- Applicants must meet minimum English and Math requirements.** Any parts of the criteria below can be combined to meet the requirements. *Official transcripts and/or test scores are required.*

- An Associate’s Degree or higher.
- An Unweighted High School GPA of 2.8 or higher regardless of graduation year.
- Completion of **English Composition I or higher** (or its equivalent; ENG-111 in the North Carolina Community College common course library) **and College Algebra or higher** (or its equivalent; MAT-171 in the North Carolina Community College common course library) with a grade of “C” or better at a regionally accredited college. (Note: if this requirement is met via CFCC transfer credit, then skip to bullet no. 2 on page 4).
- Successful completion of Developmental (Transitional) English and Math classes at a North Carolina Community College (only) that would allow placement into ENG-111 and MAT-171 **without co-requisites**.
- Completion of an NCDAP, Accuplacer (Classic, not Next Gen.), RISE, or COMPASS Placement Test with English and Math placement into ENG-111 and MAT-171 **without co-requisites**, regardless of completion date.

	<b>NCDAP Placement Test</b>	<b>Accuplacer Classic (Not Next Gen.)</b>	<b>RISE PT</b>	<b>COMPASS</b>
<b>ENGLISH</b>	English Composite score of 151	Reading Comprehension and Sentence Skills combined score of 166	Score of 70 in Tiers I and II	Reading + Writing= 151
<b>MATH</b>	Score of 7 in DMA Modules 10-60	Arithmetic score of 55 AND Elementary Algebra score of 75	Score of 70 in Tiers I, II, and III	Pre-Algebra= 47 AND Algebra= 66

- ACT or SAT English and Math scores that would allow placement into ENG 111 and Mat-171 **without co-requisites** (see charts below).

	<b>ACT After 03/2014</b>	<b>ACT 2012-02/2014</b>	<b>ACT 2010-2011</b>
<b>ENGLISH</b>	English Score is 18+ <b>OR</b> Reading Score is 22+	English Score is 18+ <b>OR</b> Reading Score is 21+	English Score is 22+ <b>OR</b> Reading Score is 22+
<b>MATH</b>	Math Score is 22+	Math Score is 22+	Math Score is 22+

	SAT After 03/2016	SAT 2012-03/2016	SAT 2010-2011
ENGLISH	Evidence Based Reading/Writing Score is 480+	Critical Reading Score is 500+ OR Writing Score is 500+	Reading Score is 510+ OR Writing Score is 510+
MATH	Score of 530+	Score of 500+	Score of 510+

Other tests: **GED Diploma 2014-present:** Score of 165+ in all 4 subject areas (*Official GED Transcript is required to be sent to CFCC*).

**HiSet Diploma:** Score of 15+ on all 5 subject areas AND a score of 4 on Essay (*Official HiSet Transcript is required to be sent to CFCC*).

Any placement tests may be taken only twice within twelve (12) consecutive months. If an applicant has tested more than twice in twelve consecutive months, only the first two attempts will be considered in the application process. Placement test scores which violate the testing policy will be disregarded.

If a Placement Test has been taken at another community college, it is the student’s responsibility to ensure that an official copy of the scores are received by Cape Fear Community College prior to the application deadline.

Accommodations for testing due to a documented disability may be made with the Disability Support Services office in the Union Station Building (U-218) or call (910) 362-7012 or (910) 362-7158.

2. **Students must have an overall GPA of 2.5 or higher in all post-secondary coursework completed at Cape Fear Community College.** After an “Intent to Apply” has been filed, the student must maintain a minimum GPA of 2.0 to enter the program in the fall. If the student’s CFCC GPA is below 2.0 and they have not been enrolled in CFCC for three consecutive years, they may be eligible for *Academic Forgiveness* (see 2020 – 2021 catalog).

3. Attend **one mandatory** virtual VMT program information session for the current application period. **All of the information sessions links are listed on the VMT webpage at [cfcc.edu/veterinary-medical-technology](http://cfcc.edu/veterinary-medical-technology).** The **information sessions** will open 15 minutes prior to the start time. If students are more than five (5) minutes late they will not be counted present and will need to attend a different information session. Students will be required to fill out an attendance form prior to leaving/exiting the information session. The session dates are as follows:

- |   |  |
|---|--|
| Friday, December 4, 2020 from 12:00 – 1:00pm  | Wednesday, March 17, 2021 from 6:00-7:00pm |
| Friday, January 8, 2021 from 1:00-2:00pm      | Friday, March 26, 2021 from 1:00-2:00pm    |
| Wednesday, January 20, 2021 from 6:00-7:00pm  | Friday, April 9, 2021 from 1:00-2:00pm     |
| Friday, February 5, 2021 from 1:00-2:00pm     | Wednesday, April 21, 2021 from 6:00-7:00pm |
| Wednesday, February 17, 2021 from 6:00-7:00pm | Friday, April 30, 2021 from 1:00-2:00pm    |
| Wednesday, March 3, 2021 from 6:00-7:00pm     |  |

4. High School or College biology course with a grade of “C” or better. All students who wish to apply for the VMT Program must have completed a Biology course in high school or college and achieved a grade of “C” or higher within **five (5) years of the start date of the VMT Program.** Applicants who have taken a High School Equivalency exam may also meet this requirement if they achieved a standard score on the Science Exam of any of the following High School Equivalency tests: a 45 on the Pre-2002 GED, a 450 on the 2002-2013 GED, a 145 on the 2014-present GED, or a 8 on the 2014-present HiSet. If an applicant received his/her High School Equivalency more than five years ago, he/she will be required to complete a

Biology course. Interested applicants who need to meet the biology requirement should complete a General Biology (**BIO 110 or BIO 111**).

5. FILE “INTENT TO APPLY” (**Note: Changes for 2021**)

An “Intent to Apply” for the Veterinary Medical Technology Program may be completed **ONLINE** during the application period of January 21, 2021 through May 3, 2021. Students must visit the programs’ website ([www.cfcc.edu/veterinary-medical-technology/](http://www.cfcc.edu/veterinary-medical-technology/)), study the instructions, and click on the “File My Intent” button to proceed. Students must make sure to complete all required fields/areas all the way to the end and then submit the form. If the “Intent” is successful, i.e. all eligibility requirements are met, the student will receive an e-mail with “The Next Steps” in their CFCC e-mail account. This e-mail includes instructions on how to register for the PSB test. Applicants must file the “Intent to Apply” prior to the end of the application period. Students who file an “Intent to Apply” and do not meet the minimum requirements will receive an e-mail addressing the missing items. Once eligible, they may re-file their “Intent” as long as it is prior to the end of the application period.

NOTE: the “Intent to Apply” form is not an application to the Veterinary Medical Technology Program. It is only the first step in the formal application process.

“Intent to Apply” Checklist for the Veterinary Medical Technology Program:

- Admitted to CFCC (by Admissions) or that application status is active
- Official high school transcript is on file at CFCC
- Official college/university transcripts (if applicable) are on file at CFCC
- Overall GPA at CFCC of 2.5 or higher (criteria waived if students do not have an established GPA at CFCC)
- Meet English and Math eligibility (see pages 3-4)
- Completed a high school or college level biology course with a grade of “C” or higher within five (5) years of the start date of the VMT Program. Interested applicants who need to meet the biology requirement should complete a **General Biology** (BIO 110 or BIO 111)
- Attended one mandatory information session and documentation must be on file with the Health Science Enrollment Center

6. **PSYCHOLOGICAL SERVICES BUREAU (PSB) ADMISSIONS EXAM (Note: Changes for 2021)**

Students who meet the minimum application requirements will receive instructions on how to register for the Health Occupations (HO) PSB exam following the successful completion of their “Intent to Apply”. Due to testing limitations related to COVID-19, **applicants to the VMT Program may take the HO PSB only ONCE for this application period.** Those who have taken the Health Occupations PSB for VMT in previous years should be aware that only score totals from the two most recent eligible attempts within the last 5 years from the end of the application period will be considered. **The highest overall score of the two most recent eligible tests will be used on the point count. We will not create a new score using the highest points in each test category. If a student is planning to use a test taken at another college, the official test report must be on file by May 20, 2021. NOTE: ALL TESTING MUST BE COMPLETED ON OR BEFORE MAY 20, 2021 and must be on file in the Health Science Enrollment Center at CFCC in order to be considered for the VMT program. Test results received after May 20, 2021 will not be accepted.**

**New for 2021:**

To provide more flexible testing options, applicants will now be able to take the HO PSB exam off campus at any available Pearson Test Center or on campus on a limited basis at the CFCC Union Station Testing Center.

**Note: Students are encouraged to file an Intent to Apply to the VMT program as early as possible during the application period to ensure that they have multiple testing options to choose from. Once on campus test dates are full, the only option for testing may be off-site.**

**PSB has indicated that the current cost of the PSB HO test will be \$60.00 for the CFCC on campus option and \$100.00 when using an offsite Pearson test center (additional fees may apply).** CFCC does not determine the cost of the test and will not function as payee. Payment for the test will be part of the test registration process (Financial Aid does not cover the cost of the test). CFCC will have access to test results upon completion of the test for both options. In terms of the selection process, one option does not provide a point count advantage over the other.

All available on campus test sessions for the HO PSB application period will be displayed on a scheduling calendar that will be accessible after the student has successfully filed an Intent to Apply.

An off campus option to test at any available Pearson Test Center will also be available as a choice. It may provide a greater number of testing dates, times, and locations. If an applicant who has completed a successful Intent to Apply indicates that the off campus option would best fit their needs, they may have a “testing window” of up to 30 days to complete the off campus testing process.

**Regardless of the 30 day “testing window” that Pearson allows for the off campus option, ALL TESTING MUST BE COMPLETED ON OR BEFORE May 20, 2021 in order to be considered for the VMT program. Test results received after May 20, 2021 will not be accepted.**

After filing an eligible Intent to Apply, students who need accommodations for the PSB test should contact Disability Support Services (DSS). Testing should not be scheduled via the above described scheduling calendar. **The scheduling of the accommodated test must be coordinated by DSS and CFCC Testing Services.** Note: Offsite testing may not guarantee appropriate accommodations.

Detailed information about the PSB registration process for BOTH options will be provided in the email correspondence the student will receive upon successfully completing an Intent to Apply.

**Students are not allowed to schedule multiple test dates (on campus or off campus) with the intent of making adjustments at a later time. If it is determined that multiple tests are scheduled for one potential applicant, all test reservations will be cancelled.**

Rescheduling a previously confirmed test date is strongly discouraged. If a critical emergency should occur, the student will need to request that their test date be removed (by contacting Testing Services for on campus tests; for off campus follow test company’s guidelines). At that point, they may then be able to schedule a new test date using the initial testing registration process described above.

**Note: It is the student’s responsibility to schedule their test in a timely manner. CFCC cannot guarantee testing availability when seats are limited and tests are offered offsite. If official test results are not received by or accessible to the Health Science Enrollment Center at CFCC on or prior to May 20, 2021, students’ Intents will become ineligible for the VMT selection process.**

An online study guide for the PSB Exam can be accessed at: <https://cfcc.edu/testing-services/take-the-psb-exam/>. It is recommended that students purchase a PSB study guide. These are available for purchase online and in some book stores. In addition, the staff in the CFCC Learning Lab (910-362-7496) may be able to provide resource materials to help prepare for the PSB exam.

Students will have access to test scores after they complete the PSB exam. There is no minimum score requirement for the PSB exam. Applicants will be invited to review their point count electronically **after the application deadline and after all point counts are completed.** Applicants will receive a copy of their point count from the Health Science Enrollment Center via email the summer of 2021, including instructions on how to agree or recheck the total point count.

Students who apply into VMT and/or multiple health science programs at CFCC that use the Health Occupations PSB may test only once per application period and are required to have score totals “renormed” for the additional programs. This means that test results will be recalculated to apply to each specific health science program. A \$25 fee applies for each renorming request.

**NOTE:** If eligible, a student may apply into multiple health science programs. If selected into more than one, the student is required to commit to the program of choice by the deadline stated in the correspondence sent by the Health Science Enrollment Center. Failure to do so in writing will result in the loss of the seat.

**NOTE:** Depending on the Health Science program, neither federal law nor North Carolina law permits undocumented individuals or those with DACA (Deferred Action for Childhood Arrivals) classification to receive professional licenses. See 8 U.S.C. § 1621(a) and (c)(1)(A). This does not prevent a DACA students from enrolling in a Health Science program but may prohibit the student from receiving a professional license. If students have questions about eligibility for professional licensure please contact the professional organization’s website.

## **VMT SELECTION PROCESS**

**The Point System was implemented as an objective means for evaluating VMT Program applicants.** All documents needed for points must be on file at CFCC on or prior to the application deadline. **Eligible courses need to be completed prior to the application deadline to receive points. No points will be awarded for documentation received after the application deadline.**

VMT applicants will be ranked based upon points earned, and the students with the highest point count total will be selected for the program. If two or more students have the same point count total, the date and time that the VMT Intent to Apply form was successfully submitted (i.e. eligibility criteria were met) will be the deciding factor. **Twenty-four (24) students will be selected to enroll in the VMT program for fall of 2021.** In addition, **six (6) students will be selected as alternates** to enroll in the VMT program should a seat become available. See VMT “Point Count Worksheet” for point values.

VMT applicants who are selected based upon their point count are conditionally accepted into the program pending the submission and review of a medical history form provided by Cape Fear Community College. Acceptance is also based on the conditional results of a required urine drug screen and criminal background check. (Please see “Notification Procedure” below for more information).

### **Points are awarded as follows:**

#### **SECTION A:**

- Ten (10) points each for high school Chemistry, Algebra, Biology II and Anatomy & Physiology courses with a “C” or better.
- If the applicant is currently a high school senior with a 3.0 or higher GPA (unweighted), he/she is eligible for 50 points, **if the high school student has not completed college coursework that contributes to the**



**point count for this program.** Note: A student will **not** get points for both high school and college courses. Points will be awarded for one or the other, whichever is highest.

#### **SECTION B:**

- Points for college Grade Point Average - 10 points will be awarded for students with a Grade Point Average of 3.5 or higher (minimum of 12 credits, excluding Developmental Classes) at CFCC.

#### **SECTION C:**

- VMT applicants may earn points for the completion of various general education courses in CFCC's VMT program. In order to earn points for college courses, applicants must have achieved grades of "C" or higher. See "Point Count Worksheet" for point values.

#### **SPECIAL NOTES:**

- o A General Biology (BIO 110 or BIO 111) must have been taken in the last (5) five years to the start date of the program. First attempt with a letter grade of "C" or better will be considered for the point count.
- o Humanities/Fine Arts Elective: This requirement may be met by taking an approved Humanities or Fine Arts course. For approved courses, please refer to the student's program evaluation (course substitutions may apply).
- o A CIS computer course is a program requirement and is required for college graduation at CFCC. This requirement can be met by taking CIS 110/111.

#### **SECTION D:**

Points for Psychological Services Bureau (PSB) Admissions Exam Percentiles in five (5) areas of the PSB Exam – **I. Academic Aptitude (to include Verbal, Arithmetic, Non-Verbal), II. Spelling, III. Reading Comprehension, IV. Natural Sciences, and V. Vocational Adjustment Index** are used in calculating the points earned in this section. These five (5) percentile scores are added together and this value is used toward the applicant's total points.

#### **Calculation of Total Points**

The applicant's total points are calculated using academics (completed course work) and the grand total of the PSB. The highest grand total of the two most recent eligible PSB tests within the last five years will be selected for this calculation. Please refer to the point count sheet for details. **APPLICANTS WHO FAIL TO RESPOND TO THE REQUEST TO REVIEW THEIR POINT COUNT WILL WAIVE THEIR RIGHT TO CONTEST THEIR POINT TOTALS.** *Applicant's point counts are confidential; to protect students' privacy, point count totals can only be discussed with the applicant.*

**Acceptance into the program is for Fall 2021. Students that decline their seat will need to reapply for future admission.**

## NOTIFICATION PROCEDURE

Twenty-Four (24) students will be admitted to the VMT Program for the fall of 2021.

VMT applicants will be conditionally accepted into the program pending the submission and review of a health assessment form, vaccination requirements, drug screening and criminal background check.

**The top Twenty-Four students who are selected will be notified when to complete the following information:**

1. **Veterinary Medical Technology Health Assessment Form**

All completed health/medical reports must be received by the specified date noted in the acceptance email.

2. **Criminal Background Check and Drug Screening**

**Specific information regarding the criminal background check and drug screening will be in the acceptance letter.** Clinical sites may require a drug screening and a criminal background check prior to allowing students into the clinical setting (any associated fees will be the responsibility of the student). Testing positive on the drug screening, or evidence of tampering with a specimen, may disqualify a student from participation in clinicals and dismissal from the VMT program. In addition, certain criminal activity, as evident by a criminal background check may also disqualify a student from clinical participation. Please be aware that failure to participate in a clinical assignment based on either the drug screening or criminal background check will result in dismissal from the VMT Program. For further information, students should see the “**Drug and Alcohol Policy**” in the **2020-2021 CFCC Student Handbook**. **Students must use Castle Branch for the background check/drug testing. These items will not be accepted from other companies. Instructions on how to access Castle Branch will be included in the acceptance email.**

3. **Rabies Vaccination**

**A rabies vaccination is strongly recommended. If a student opts to receive rabies vaccination, it is encouraged to be completed by the end of Fall Semester of the first year. If already vaccinated, proof of adequate blood titer, within the previous two (2) years, should be provided. If a student elects not to receive rabies immunization, a waiver must be signed (included in the acceptance packet). Proof of a rabies vaccination, proof of a blood titer within the last two (2) years or a waiver should be uploaded to CastleBranch. This documentation will not be accepted in any other format. Instructions on how to access CastleBranch will be included in the acceptance letter.**

4. **Transportation**

Students must provide their own transportation to clinical sites. Applicants should be aware that travel in areas outside of New Hanover and Pender Counties may be required for clinical placement.

## PROGRESSION POLICY

Students admitted to the VMT Program must achieve or have achieved a “C” in each course in the curriculum in the sequence described in the curriculum schedule in order to progress semester by semester. A semester credit hour is equivalent to 16 hours of classroom instruction or 48 hours of laboratory or clinical instruction.

### Grading Policy

A	92-100
B	84-91
C	76-83
D	68-75
F	below 67

## PHYSICAL AND COGNITIVE EXPECTATIONS OF A VMT

CFCC provides reasonable accommodations to otherwise qualified students with disabilities, as long as such disabilities, as determined on a case-by-case basis, do not preclude the student from meeting the qualifications considered essential to the program. The essential functions are listed on page 12).

According to the nature of the work required in veterinary medical practice and the educational requirements of the veterinary medical technology curriculum, the student must be able to meet the following standards with or without accommodations:

<b>Standard</b>	<b>Examples of Necessary Behaviors (not all inclusive)</b>
General Physical Requirements	Walk and stand for at least ten minutes at a time, multiple times per hour. Lift and/or carry up to 50 pounds from floor to waist level or higher at least several times per day. 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. Handle, install, position and move materials, equipment, and supplies. Handle, position, and restrain live animals of small and large animal species. Have sustained contact with multiple species of animals and learn the safe handling, restraining, and working with these animals. An individual should not be allergic to any species of animals to the extent that would prohibit working in a facility that has them.
Cognitive Ability	Function in a structured environment within significant time constraints, make rapid decisions in urgent situations, and meet deadlines. Demonstrate a willingness to assist with and perform a wide variety of routine medical, surgical, and diagnostic procedures common to the veterinary setting; including humane euthanasia and handling of sick, injured, fractious, or aggressive animals without fear. Complete required tasks/functions under stressful and/or unpredictable conditions, including emergency situations. Access information from books, reference manuals, computers, and paper and electronic medical documents to perform duties and safely use equipment. Prioritize, organize, and utilize time-management skills to perform tasks.  Evaluate, synthesize and communicate diagnostic information to the attending veterinarian and/or staff. Demonstrate the need for minimal supervision as they advance through the program.
Communication Skills	Communicate accurately and effectively in English. Comprehend and carry out complex written and oral instructions given in English. Make legible and coherent notes in English within the margins and space provided on the appropriate forms.
Professionalism & Interpersonal Skills	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 healthcare team. Demonstrate good judgment and make appropriate

	<p>professional and procedural judgment 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).</p>
Manual Dexterity & Mobility	<p>Move his/her entire body a distance of no less than three meters within two seconds of a signal to do so, to move rapidly from danger while handling animals in confined spaces. Perform the essential functions of the profession. This includes manipulating small equipment, adjusting resistance on equipment, holding hooves while cleaning and evaluating, managing syringes, catheters, and common surgical instruments. Complete physical assessment and perform nursing duties in a timely manner. This includes 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.</p> <p>Palpate and interpret findings, i.e. palpation of pulses, lymph nodes or trachea to determine proper endotracheal tube size. Operate surgical instruments. This includes assisting with hemostats or other instruments while assisting in surgery; inducing and monitoring general anesthesia in an animal patient; placing intravenous and urinary catheters. Hold, manipulate, or tie materials ranging from a cloth patch to a very fine string. This includes using a surgical sponge; tying a 00 silk suture; endotracheal intubation; intravenous injection; catheterizing animals to obtain a sample of urine and/or other body fluids; applying bandages.</p>
Auditory, Olfactory, and Visual Skills	<p>Veterinary technicians must safely and correctly assess patients and interpret and record data. Determine minute areas of detail, 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. 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. 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. Recognize and respond appropriately to distress sounds from animal and alarms/warning signals on animal-monitoring equipment directly and through intercommunication systems to ensure patient safety. Detect and respond appropriately to odors in order to maintain environmental safety and patient needs. Use a compound microscope to identify cells and organisms and be able to differentiate colors of stained objects.</p> <p>Observe movement at a distance ranging from 30-45 centimeters to 15-20 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. 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.</p> <p>Demonstrate adequate depth perception to allow detection of a 0.5 cm elevation, which is no more than 1cm in diameter on a slightly curved surface having a slightly irregular surface. This includes detection of tissue swelling on the hip on a smooth-haired dog; determining presence of reaction to skin testing for allergies. Communicate in a surgery room while all occupants wear surgical masks. Detect movement of large animals in a pen or corral. Monitor multiple patients in an ICU.</p>

Students who feel they need accommodations should contact the Disability Support Services office in the Union Station Building U-218 on the Downtown Campus or call 910-362-7012 or 910-362-7158

### **LEGAL OR DISQUALIFYING LIMITATIONS**

Conviction of crimes such as felonies and misdemeanors may affect the ability of a graduate to obtain state licensure. Any questions regarding licensure should be directed to the State Board of Veterinary Medicine in the state where the applicant intends to practice.

## **PROFESSIONAL CERTIFICATION**

Graduates of the VMT Program will be eligible to take the Veterinary Technician National Exam (VTNE) and the North Carolina Veterinary Technician State Exam (NCVTSE). Students may find more information on these certification exams through the North Carolina Veterinary Medical Board at [www.ncvmb.org](http://www.ncvmb.org). There are fees to take these exams.

## **ACCREDITATION OF PROGRAM**

The VMT Program is accredited through the American Veterinary Medical Association (AVMA) Committee of Veterinary Technician Education and Activities (CVTEA), 1931 North Meacham Road, Suite 100, Schaumburg, IL 60173, Tel. (800) 248-2862. [www.avma.org](http://www.avma.org).

## **RESOURCES/ASSISTANCE**

For questions or concerns regarding the selective admissions process, please contact a staff member at the Health Science Enrollment Center in Union Station Building (Suite U-297) at the Wilmington Campus; [healthsciences@cfcc.edu](mailto:healthsciences@cfcc.edu); 910-362-7139.

## TUITION & FEES

Payment methods: cash, check, money order, VISA, MasterCard, American Express, Discover, financial aid, payment plan or third (3<sup>rd</sup>) party sponsorship. All forms of payment must be received by the Business Office to be officially registered.

**Tuition is established by the North Carolina State Legislature and is subject to change without prior notification.**

CREDIT HOURS	IN-STATE TUITION	OUT-OF-STATE TUITION	STUDENT ACTIVITY FEES	PARKING & SECURITY FEE	TECHNOLOGY FEES
1	76.00	268.00	35.00	40.00	3.00
2	152.00	536.00	35.00	40.00	6.00
3	228.00	804.00	35.00	40.00	9.00
4	304.00	1072.00	35.00	40.00	9.00
5	380.00	1340.00	35.00	40.00	12.00
6	456.00	1608.00	35.00	40.00	15.00
7	532.00	1876.00	35.00	75.00	18.00
8	608.00	2144.00	35.00	75.00	21.00
9	684.00	2412.00	35.00	75.00	24.00
10	760.00	2680.00	35.00	75.00	27.00
11	836.00	2948.00	35.00	75.00	30.00
12	912.00	3216.00	35.00	75.00	33.00
13	988.00	3484.00	35.00	75.00	36.00
14	1064.00	3752.00	35.00	75.00	42.00
15	1140.00	4020.00	35.00	75.00	45.00
16 OR MORE	1216.00	4288.00	35.00	75.00	48.00

**PROFESSIONAL LIABILITY INSURANCE: \$15.00 PER SCHOOL YEAR (HEALTH SCIENCE STUDENTS)**

FULL TIME: 12 CREDIT HOURS

3/4 TIME: 9 CREDIT HOURS

1/2 TIME: 6 CREDIT HOURS

## **Financial Aid**

The Financial Aid office monitors a policy that is based on federal regulations that establishes a maximum time frame for completion of a program of 150 percent of the published length of an educational program. This means that as a student majoring in Pre-VMT or another Pre- Health Science program, you will need to pay careful attention to the number of hours you attempt prior to actual admission into your program of choice. Depending on the number of hours that you have attempted prior to admission into the VMT program, you may not be eligible for enough financial aid to complete the program after you have been admitted.

To make sure you understand this policy and that you plan ahead in order to use your financial benefits in a wise and timely manner, please consult with the financial aid office located in the Union Station Building Room U-138 on the Downtown Campus or in the McKeithan Center Room NA-100 on the North Campus.

## CFCC ESTIMATED EXPENSES VMT PROGRAM

### First Semester (Fall I)

Tuition and Fees (In-State)	\$1,374
<b><i>Tuition and Fees (Out-of-State)</i></b>	<b><i>\$4,446</i></b>
Insurance	\$15
Books	\$550
Supply Kit & Uniforms	\$650
Physical	\$100
Criminal Background, Drug Screen & Immunization Tracker	\$120
<hr/>	
Total (In-State)	\$2,331
<b><i>Total (Out-of-State)</i></b>	<b><i>\$5,403</i></b>

### Second Semester (Spring I)

Tuition and Fees (In-State)	\$1,374
<b><i>Tuition and Fees (Out-of-State)</i></b>	<b><i>\$4,446</i></b>
Books & Supplies	\$400
<hr/>	
Total (In-State)	\$1,674
<b><i>Total (Out-of-State)</i></b>	<b><i>\$4,746</i></b>

### Third Semester (Summer I)

Tuition and Fees (In-State)	\$1,055
<b><i>Tuition and Fees (Out-of-State)</i></b>	<b><i>\$3,359</i></b>
Books & Supplies	\$350
<hr/>	
Total (In-State)	\$1,355
<b><i>Total (Out-of-State)</i></b>	<b><i>\$3,659</i></b>

### Fourth Semester (Fall II)

Tuition and Fees (In-State)	\$1,216
<b><i>Tuition and Fees (Out-of-State)</i></b>	<b><i>\$3,904</i></b>
Books & Supplies	\$300
Insurance	\$15
<hr/>	
Total (In-State)	\$1,531
<b><i>Total (Out-of-State)</i></b>	<b><i>\$4,219</i></b>

### Fifth Semester (Spring II)

Tuition and Fees (In-State)	\$1,216
<b><i>Tuition and Fees (Out-of-State)</i></b>	<b><i>\$3,904</i></b>
Books	\$300
<hr/>	
Total (In-State)	\$1,541
<b><i>Total (Out-of-State)</i></b>	<b><i>\$4,229</i></b>

### Sixth Semester (Summer II)

Tuition and Fees (In-State)	\$312
<b><i>Tuition and Fees (Out-of-State)</i></b>	<b><i>\$888</i></b>
Cap & Gown	\$25
<hr/>	
Total (In-State)	\$337
<b><i>Total (Out-of-State)</i></b>	<b><i>\$913</i></b>

## CFCC ESTIMATED EXPENSES VMT PROGRAM

### Total First Year Cost

\$5,360 (In-State)  
***\$13,808 (Out-of-State)***

### Total Second Year Cost

\$3,409 (In-State)  
***\$9,361 (Out-of-State)***

### Total Program Cost

\$8,769 (In-State)  
***\$23,169 (Out-of-State)***

Upon successful completion of the program students may apply to take the North Carolina and National Certification examination which charge fees not included in this estimate.



## VMT (A.A.S.) Degree Curriculum

### I. General Education Courses –*These courses will add to the student's total point count and are required for graduation.*

Course #	Course Name	Credits	Notes
MAT	MAT-143 or higher	3	
ENG-111 & ENG-114 (or 112)	Writing & Inquiry or Expository Writing & Professional Research & Reporting	3/3	
Soc/Beh Science Elective	Students must take one course.	3	<i>Select from: PSY-118, PSY-150, SOC-210 or SOC-240</i>
Humanities/FA Elective	Students must take one course.	3	<i>Select from: ART-111, HUM-115, MUS-110 or PHI-210 (others may be substituted)</i>
CIS-111	Basic PC Literacy	2	<i>Students may also take CIS-110</i>

### II. Major Courses – *Students will take these classes once they are officially accepted into the VMT program and their major has been changed to Veterinary Medical Technology. All courses below are taken in this sequence. Note: Any General Education course from above that have not been taken prior to acceptance are required for graduation (see course catalog to determine the semester that the general education courses must be completed).*

#### Fall of First Year:

VET 110	Animal Breeds & Husbandry	3
VET 122	Vet Zoology	4
VET 121	Vet Med Terminology	3

#### Spring of First Year:

VET 120	Vet Anatomy & Physiology	4
VET 123	Veterinary Parasitology	3
CHM 130	General Organic & Biochemistry	3
CHM 130A	General Organic & Biochemistry Lab	1

#### Summer of First Year:

VET 125	Veterinary Diseases I	2
VET 237	Animal Nutrition	3
VET 131	Veterinary Lab Techniques I	3
VET 133	Veterinary Clinical Practices I	3

#### Fall of Second Year:

VET 126	Veterinary Diseases II	2
VET 211	Veterinary Lab Techniques II	3
VET 213	Veterinary Clinical Practices II	4
VET 215	Veterinary Pharmacology	3

#### Spring of Second Year:

VET 212	Veterinary Lab Techniques III	3
VET 214	Veterinary Clinical Practices III	4
VET 217	Large Animal Clinical Practices	3
VET 137	Veterinary Office Practices	2

#### Summer of Second Year:

WBL 115	Work-Based Learning Sem I	1
WBL 112	Work-Based Learning I	2

**Total Credits = 76**

**VETERINARY MEDICAL TECHNOLOGY  
POINT COUNT WORKSHEET  
FALL 2021**

Students are selected according to a point system.

**MINIMUM REQUIREMENTS** (See admissions requirement for specifics)

Overall CFCC GPA of 2.5 (mandatory) \_\_\_\_\_  
 High School or College Biology course (C or better) (mandatory) \_\_\_\_\_  
 Attend Program Information Session (mandatory) \_\_\_\_\_

**(WILL NOT GET POINTS FOR BOTH HIGH SCHOOL AND COLLEGE COURSES)**

**SECTION A: HIGH SCHOOL COURSE WORK:**

*Grade must be a "C" or higher*

High School Chemistry (10 pts) \_\_\_\_\_  
 High School Algebra (10 pts) \_\_\_\_\_  
 High School Biology II (10 pts) \_\_\_\_\_  
 High School Anatomy & Physiology (10 pts) \_\_\_\_\_  
 Current High School Senior with an unweighted 3.0 GPA or higher (50 pts) \_\_\_\_\_

**SECTION B:**

GPA of 3.5 or higher at CFCC (minimum of 12 credits) (10 pts) \_\_\_\_\_  
 (Minimum 12 credit hours excluding developmental courses)

**SECTION C: COLLEGE COURSES**

BIO 110 Principles of Biology A (15pts) \_\_\_\_\_  
 Or B (10pts) \_\_\_\_\_  
 BIO 111 General Biology C (5pts) \_\_\_\_\_

CHM 130 /130A General Organic & BioChemistry & Lab A (15pts) \_\_\_\_\_  
 B (10pts) \_\_\_\_\_  
 C (5pts) \_\_\_\_\_

MAT 143 Quantitative Literacy or higher A (15pts) \_\_\_\_\_  
 B (10pts) \_\_\_\_\_  
 C (5pts) \_\_\_\_\_

ENG 111 Writing and Inquiry A (15pts) \_\_\_\_\_  
 B (10pts) \_\_\_\_\_  
 C (5pts) \_\_\_\_\_

ENG 114 Professional Research & Reporting A (15pts) \_\_\_\_\_  
 OR B (10pts) \_\_\_\_\_  
 ENG 112 Argument Based-Research C (5pts) \_\_\_\_\_

Social Behavior Science Elective A (15pts) \_\_\_\_\_  
 (One of the following: PSY 118, PSY 150, B (10pts) \_\_\_\_\_  
 SOC 210 or SOC 240) C (5pts) \_\_\_\_\_

Humanities/FA Elective A (15pts) \_\_\_\_\_  
 (One of the following recommended courses: B (10pts) \_\_\_\_\_  
 ART 111, HUM 115, MUS 110 or PHI 210) C (5pts) \_\_\_\_\_

CIS 110 Intro to Computers A (15pts) \_\_\_\_\_  
 OR B (10pts) \_\_\_\_\_  
 CIS 111 PC Literacy C (5pts) \_\_\_\_\_

**Total Points for Sections A, B, & C** \_\_\_\_\_  
 (Maximum possible points = 130)

**SECTION D: PSB ADMISSIONS TEST**

Percentile Score

Part I – Academic Aptitude \_\_\_\_\_  
 (Verbal, Arithmetic & Non-Verbal)

Part II - Spelling \_\_\_\_\_

Part III - Reading Comprehension \_\_\_\_\_

Part IV - Natural Sciences \_\_\_\_\_

Part V - Vocational Adjustment Index \_\_\_\_\_

**Percentile Score Total** \_\_\_\_\_  
 (Maximum possible points = 495)

**SUMMATION OF POINT TOTALS**

Sections A, B & C \_\_\_\_\_

Section D \_\_\_\_\_

**Grand Total** \_\_\_\_\_

If students have the same point count total, the date and time that the "Intent to Apply" was filed in the Counseling Office will be considered.

This point count sheet is reviewed each year and is subject to changes.