

VETERINARY TECHNOLOGY (AAS)

Degree: Associate of Applied Science
Major: Veterinary Technology
Program Code: 1306

The Veterinary Technology program is for all individuals who wish to develop careers as an important member of the veterinary care team by providing humane and quality care to animals. Veterinary technicians perform a variety of tasks including medical and surgical nursing procedures, laboratory testing, anesthesia induction, recovery maintenance, monitoring, holding and restraining animals during exams and treatments, collecting specimens, taking diagnostic X-rays, administering medication or treatments, assisting in surgery, and assisting with client education. Your education will lead to an Associate of Applied Science in veterinary technology and prepares you to take the Veterinary Technician National Examination for certification. Graduates may find career opportunities in private veterinary practices, research laboratories, kennels, zoos, and local, state and federal agencies.

Important information about this program:

- Program admission requires a minimum overall GPA of 2.5 and a grade of "C" or better in ENGL 111, SPCH 101, MATH 108, BIOL 105, and BIOL 105L.
- A minimum grade of C is required for all VETT courses.

For more information on what you can do with this major, visit CMU Tech's [Programs of Study](#) page.

Veterinary Technician Program Accreditation –

Higher Learning Commission (HLC) and Specialized Accreditation American Veterinary Medical Association Committee on Veterinary Technician Education and Activities (AVMA CVTEA)

CMU Tech Veterinary Technology Program has achieved program approval through the Higher Learning Commission (HLC) and is in the process of completing accreditation requirements for accreditation through the AVMA CVTEA. The AVMA CVTEA application does not guarantee accreditation nor does it grant any temporary status of accreditation. While students may take classes that are potentially required for a degree, students will not be eligible to sit for the Veterinary Technician National Exam until AVMA CVTEA program approval is granted. CMU Tech is actively seeking this accreditation.

All CMU/CMU Tech associate graduates are expected to demonstrate proficiency in specialized knowledge/applied learning, quantitative fluency, communication fluency, critical thinking, personal and social responsibility, and information literacy. In addition to these campus-wide student learning outcomes, graduates of this major will be able to:

1. Communicate in a professional manner to the veterinary team and clients, in all formats - written, oral, non-verbal, and electronic (Communication Fluency).
2. Safely and effectively perform applied skill sets and techniques necessary for the profession and applicable to a broad range of animal species, at a competent level and in a proficient manner (Critical Thinking; Specialized Knowledge/Applied Learning).

3. Follow and uphold applicable laws and the veterinary technology profession's ethical codes to provide high quality care to patients (Personal and Social Responsibility).

Requirements

Each section below contains details about the requirements for this program. Select a header to expand the information/requirements for that particular section of the program's requirements.

To print or save an overview of this program's information, including the program description, learning outcomes, requirements, suggested course sequencing (if applicable), and advising and graduation information, scroll to the bottom of the left-hand navigation menu and select "Print Options." This will give you the options to either "Send Page to Printer" or "Download PDF of This Page." The "Download PDF of This Page" option prepares a much more concise presentation of all program information. The PDF is also printable and may be preferable due to its brevity.

Institutional Degree Requirements

The following institutional degree requirements apply to all CMU and CMU Tech Associate of Applied Science (AAS) degrees. Specific programs may have different requirements that must be met in addition to institutional requirements.

- 60 semester hours minimum.
- Students must complete a minimum of 15 of the final 30 semester hours of credit at CMU/CMU Tech.
- 2.00 cumulative GPA or higher in all CMU/CMU Tech coursework.
- A course may only be used to fulfill one requirement for each degree/certificate.
- No more than six semester hours of independent study courses can be used toward the degree.
- Non-traditional credit, such as advanced placement, credit by examination, credit for prior learning, cooperative education and internships, cannot exceed 20 semester credit hours for an AAS degree.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- Capstone exit assessment/projects (e.g., Major Field Achievement Test) requirements are identified under Program-Specific Degree Requirements.
- The Catalog Year determines which program sheet and degree requirements a student must fulfill in order to graduate. Visit with your advisor or academic department to determine which catalog year and program requirements you should follow.
- See "Requirements for Undergraduate Degrees and Certificates" in the catalog for a complete list of graduation requirements.

Specific to this degree:

- 82 semester credit hours required for the AAS, Veterinary Technology.

Essential Learning Requirements

(16 semester hours)

See the current catalog for a list of courses that fulfill the requirements below. If a course is an Essential Learning option and a requirement for your major, you must use it to fulfill the major requirement and make a different selection for the Essential Learning requirement.

Code	Title	Semester Credit Hours
English		
ENGL 111	English Composition I-GTC01	3
SPCH 101	Interpersonal Communication	3
Mathematics		
MATH 108	Technical Mathematics (or higher) ¹	4
Other Essential Learning Core Courses		
Select one course and corresponding lab from the following:		4
BIOL 101 & 101L	General Human Biology-GTSC1 and General Human Biology Laboratory-GTSC1	
BIOL 105 & 105L	Attributes of Living Systems-GTSC1 and Attributes of Living Systems Laboratory-GTSC1	
Select one Social and Behavioral Sciences, Natural Sciences, Fine Arts or Humanities course ²		3
Total Semester Credit Hours		17

¹ MATH 108 is a 4 semester credit hour course; however, if a student completes a higher-level, Essential Learning eligible Mathematics course at 3 semester credit hours, that course would fulfill the Mathematics Essential Learning requirement.

Other Lower Division Requirements

Code	Title	Semester Credit Hours
Wellness Requirement		
KINE 100	Health and Wellness	1
KINA 1XX	Activity Course	1
Total Semester Credit Hours		2

Program Specific Degree Requirements

(63 semester hours, must earn a grade of "C" or better in each course)

Code	Title	Semester Credit Hours
VETT 102	Veterinary Medical Terminology	2
VETT 106	Exotic Animal Handling	2
VETT 108	Introduction to Laboratory Procedures	3
VETT 109	Applied Companion Animal Behavior	3
VETT 115	Surgical Nursing for Veterinary Technicians	2
VETT 116	Humane Treatment and Handling of Animals	3
VETT 120	Office Procedures and Relations	2
VETT 134	Diagnostic Imaging	2
VETT 172	First Year Clinical Basics	2
VETT 205 & 205L	Veterinary Anatomy and Physiology I and Veterinary Anatomy and Physiology I Laboratory	4
VETT 206 & 206L	Veterinary Anatomy and Physiology II and Veterinary Anatomy and Physiology II Laboratory	4
VETT 223	Introduction to Anesthesia	1

VETT 224	Pharmacology for Veterinary Technicians	3
VETT 225	Anesthesiology	3
VETT 227	Animal Nutrition	2
VETT 232	Veterinary Dentistry	1
VETT 238	Small Animal Nursing	2
VETT 239	Large Animal Nursing	3
VETT 241	Clinical Laboratory Procedures	4
VETT 242	Veterinary Critical Care	2
VETT 243	Veterinary Diagnostic Microbiology	3
VETT 250	Clinical Competency Evaluation	1
VETT 275	Specialty Rotation	2
VETT 280	Diagnostic Imaging Clinical	1
VETT 281	Clinical I	2
VETT 282	Clinical II	3
VETT 285	Veterinary Technician Exam Prep	1
Total Semester Credit Hours		63

Suggested Course Plan

Due to a potential variation in semester credit hours for the Essential Learning Mathematics credits, the following sequencing results in variable credit hours; however, students in this major must complete a minimum of 82 semester credit hours, including satisfactory completion of all required courses, for satisfactory completion of degree.

First Year		Semester Credit Hours
Fall Semester		
ENGL 111	English Composition I-GTC01	3
KINA 1XX	Activity Course	1
KINE 100	Health and Wellness	1
MATH 108	Technical Mathematics (or higher) ¹	4
SPCH 101	Interpersonal Communication	3
Select one course and corresponding lab from the following:		4
BIOL 101 & 101L	General Human Biology-GTSC1 and General Human Biology Laboratory-GTSC1	
BIOL 105 & 105L	Attributes of Living Systems-GTSC1 and Attributes of Living Systems Laboratory-GTSC1	
Semester Credit Hours		16
Spring Semester		
Select one Social and Behavioral Sciences, History, Natural Sciences, Fine Arts, or Humanities Essential Learning course ²		3
VETT 102	Veterinary Medical Terminology	2
VETT 108	Introduction to Laboratory Procedures	3
VETT 109	Applied Companion Animal Behavior	3
VETT 116	Humane Treatment and Handling of Animals	3
VETT 120	Office Procedures and Relations	2
Semester Credit Hours		16
Summer Semester		
VETT 134	Diagnostic Imaging	2
VETT 172	First Year Clinical Basics	2
VETT 205 & 205L	Veterinary Anatomy and Physiology I and Veterinary Anatomy and Physiology I Laboratory	4
VETT 280	Diagnostic Imaging Clinical	1
Semester Credit Hours		9
Second Year		
Fall Semester		
VETT 106	Exotic Animal Handling	2
VETT 115	Surgical Nursing for Veterinary Technicians	2

VETT 206 & 206L	Veterinary Anatomy and Physiology II and Veterinary Anatomy and Physiology II Laboratory	4
VETT 223	Introduction to Anesthesia	1
VETT 224	Pharmacology for Veterinary Technicians	3
VETT 241	Clinical Laboratory Procedures	4
VETT 281	Clinical I	2
Semester Credit Hours		18
Spring Semester		
VETT 225	Anesthesiology	3
VETT 227	Animal Nutrition	2
VETT 232	Veterinary Dentistry	1
VETT 238	Small Animal Nursing	2
VETT 239	Large Animal Nursing	3
VETT 242	Veterinary Critical Care	2
VETT 250	Clinical Competency Evaluation	1
VETT 275	Specialty Rotation	2
Semester Credit Hours		16
Summer Semester		
VETT 243	Veterinary Diagnostic Microbiology	3
VETT 282	Clinical II	3
VETT 285	Veterinary Technician Exam Prep	1
Semester Credit Hours		7
Total Semester Credit Hours		82

- Submit the “Intent to Graduate” form to the Registrar’s Office to officially declare the intended graduation date and commencement ceremony plans.
- Register for all needed courses and complete all requirements for each degree sought.

Submission deadlines and commencement details can be found on the [Graduation](#) web page.

If a student’s petition for graduation is denied, it will be their responsibility to apply for graduation in a subsequent semester. A student’s “Intent to Graduate” does not automatically move to a later graduation date.

¹ MATH 108 is a 4 semester credit hour course; however, if a student completes a higher-level, Essential Learning eligible Mathematics course at 3 semester credit hours, that course would fulfill the Mathematics Essential Learning requirement.

Advising and Graduation

Advising Process and DegreeWorks

Documentation on the pages related to this program is intended for informational purposes to help determine what courses and associated requirements are needed to earn a degree. The suggested course sequencing outlines how students could finish degree requirements. Some courses are critical to complete in specific semesters, while others may be moved around. Meeting with an academic advisor is essential in planning courses and altering the suggested course sequencing. It is ultimately the student’s responsibility to understand and fulfill the requirements for their intended degree(s).

DegreeWorks is an online degree audit tool available in MAVzone. It is the official record used by the Registrar’s Office to evaluate progress towards a degree and determine eligibility for graduation. Students are responsible for reviewing their DegreeWorks audit on a regular basis and should discuss questions or concerns with their advisor or academic department head. Discrepancies in requirements should be reported to the Registrar’s Office.

Graduation Process

Students must complete the following in the first two months of the semester prior to completing their degree requirements:

- Review their DegreeWorks audit and create a plan that outlines how unmet requirements will be met in the final semester.
- Meet with their advisor and modify their plan as needed. The advisor must approve the final plan.