

# Veterinary Technician

## Overview

### Associate of Applied Science

Program Director: Annie Bryan

Program Website (<https://www.gfcmsu.edu/webs/veterinarytechnician/>)

Program Application (Spring 2025 Application available September 27th)

**This is a hybrid program with specific clinical requirements. Please contact Program Director for more information.**

This program will prepare students to successfully become credentialed in veterinary technician. Graduates under the supervision of veterinarians, laboratory animal specialists, and zoological professionals, are prepared to provide patient management, care, and clinical procedures assistance as well as owner communication. Includes instruction in animal nursing care, animal health and nutrition, animal handling, clinical pathology, radiology, anesthesiology, dental prophylaxis, surgical assisting, clinical laboratory procedures, office administration skills, patient and owner management, and applicable standards and regulations.

This stackable credential may lead students directly into the Associate of Applied Science Degree in Veterinary Technician.

For more information about other veterinary degrees offered, visit the catalog pages for the Veterinary Office (<http://catalog.gfcmsu.edu/academic-programs/veterinary-office-cts/>) and Veterinary Assistant (<http://catalog.gfcmsu.edu/academic-programs/veterinary-assistant-cas/>).

## Outcomes

### Graduates are prepared to:

- Manage business functions of a veterinary office including communicating professionally and upholding the veterinary technology professional ethical codes.
- Administer prescribed drugs to patients and explain prescribed drugs to clients
- Perform patient assessment techniques on a variety of animals
- Demonstrate husbandry, nutrition, therapeutic and dentistry techniques to variety of animals
- Manage and maintain patients and equipment in all phases of anesthesia
- Perform the role of surgical assistant for surgery on an animal
- Perform proper laboratory procedures
- Produce diagnostic radiographic images
- Demonstrate proper care for lab animals
- Apply proper care for exotic and small animal procedures

## Estimated Cost

### Estimated Resident Program Cost\*

Tuition and Fees	\$10,070
Lab/Course Fees	\$30
Books/Supplies	\$3,842
Total	\$13,942

\* Fall 2024 MUS Student Health Insurance Premiums may be changing. Please check the Health Insurance website (<http://students.gfcmsu.edu/insurance.html>) and/or Student Central for confirmed premium rates.

## Program Requirements

### Program Prerequisite Courses- Required before formal acceptance

The following courses must be completed prior to admission into the Veterinary Technician Program. All prerequisite coursework must be completed with a minimum grade of C (not a C-) in each course and a minimum cumulative GPA in prerequisite coursework of 2.5. Grades in prerequisite courses are a major factor in ranking applications for program acceptance.

Science courses with labs must be completed within five (5) years of application to the program, and other courses must be completed within 15 years of applying to the program.

Course	Title	Credits	Grade/Sem
<b>First Year</b>			
<b>Fall</b>			
Students who complete the first semester of courses are eligible for the Veterinary Office Certificate of Technical Studies degree			
BIOB 101	Discover Biology w/ Lab +	4	_____
M 105	Contemporary Mathematics (OR any math course in the MUS Core (M 140 preferred)) **+	3-4	_____
VET 101	Veterinary Medical Terminology +	2	_____
VET 111	Veterinary Nursing I +	2	_____
VET 141	Veterinary Office Procedures I +	2	_____
VET 143	Veterinary Office Procedures II *+	2	_____
Select one of the following:			
COMX 115	Introduction to Interpersonal Communication +	3	_____
PSYX 100	Introduction to Psychology +	3	_____
SOCI 101	Introduction to Sociology +	3	_____
<b>Credits</b>		<b>18-19</b>	
<b>Total Credits</b>		<b>18-19</b>	

## Program Course Requirements After Formal Acceptance

Once enrolled in Veterinary Technician program, a minimum of a grade of C (not a C-) in all courses is required to continue in the program. The courses listed below are required in the program of study for the Associate of Applied

Science degree in Veterinary Technician. The courses are offered at GFC MSU in the following sequence:

Course	Title	Credits	Grade/Sem
<b>First Year</b>			
<b>Spring</b>			
Students who complete the first and second semester of courses are eligible for the Veterinary Assistant Certificate of Applied Science degree			
VET 113	Veterinary Nursing II *,+	2	_____
VET 115	Veterinary Nursing Clinical I *,+	1	_____
VET 131	Veterinary Pharmacology I *,+	2	_____
VET 151	Veterinary Anesthesia & Surgical Nursing I *,+	2	_____
VET 161	Veterinary Diagnostic Imaging I *,+	2	_____
VET 171	Veterinary Pathology & Laboratory Procedures I *,+	2	_____
VET 201	Veterinary Anatomy & Physiology I *,+	2	_____
Select one of the following:			
WRIT 101	College Writing I **,+	3	_____
WRIT 121	Intro to Technical Writing **,+	3	_____
<b>Credits</b>		<b>16</b>	
<b>Summer</b>			
VET 121	Animal Disease I *,+	2	_____
VET 163	Veterinary Diagnostic Imaging II *,+	2	_____
VET 173	Veterinary Pathology & Laboratory Procedures II *,+	2	_____
VET 203	Veterinary Anatomy & Physiology II *,+	2	_____
<b>Credits</b>		<b>8</b>	
<b>Second Year</b>			
<b>Fall</b>			
VET 123	Animal Diseases II *,+	2	_____
VET 213	Veterinary Nursing III *,+	2	_____
VET 215	Veterinary Nursing Clinical II *,+	1	_____
VET 221	Animal Diseases III *,+	2	_____
VET 231	Veterinary Pharmacology II *,+	2	_____
VET 241	Laboratory & Exotic Animals *,+	2	_____
VET 251	Veterinary Anesthesia & Surgical Nursing II *,+	2	_____
VET 261	Veterinary Diagnostic Imaging III *,+	1	_____
<b>Credits</b>		<b>14</b>	
<b>Spring</b>			
VET 233	Veterinary Pharmacology III *,+	2	_____
VET 253	Veterinary Anesthesia & Surgical Nursing III *,+	2	_____
VET 255	Veterinary Anesthesia & Surgical Nursing Clinical *,+	1	_____
VET 271	Veterinary Pathology & Laboratory Procedures III *,+	2	_____
VET 275	Veterinary Pathology & Laboratory Procedures Clinical *,+	1	_____
VET 280	Large Animal Nursing *,+	2	_____
VET 284	Large Animal Nursing Clinical *,+	2	_____

VET 288	Veterinary Technician National Examination Review *,+	1	_____
<b>Credits</b>		<b>13</b>	
<b>Total Credits</b>		<b>51</b>	

**Total Program Credits: 69-70**

+ A grade of C (not a C-) or above is required for graduation.

\* Indicates prerequisites needed.

\*\* Indicates prerequisites needed.