



Veterinary Technology A.A.S.

Curriculum Code: 0287

Effective: Fall 2020 – Summer 2025

Updated: 05/27/2020

Description

Veterinary technicians are professionals dedicated to animal health care. They are vital members of the veterinary medical team and are trusted with diverse medical responsibilities, including animal nursing care, life support, laboratory specimen analysis, physical therapy, surgical assistance, anesthesia, dental hygiene, X-ray imaging, nutritional management, and client education. The variety in veterinary technology makes it a challenging medical career for those who enjoy working with animals and people. Career opportunities exist with veterinary hospitals, biomedical research institutions, zoological parks, and other animal care facilities.

This program is offered through a joint agreement between Lansing Community College (LCC) and Michigan State University (MSU), with Major courses taught by MSU and General Education courses taught by LCC.

Additional Information

MSU's admission is competitive. Please consult MSU College of Veterinary Medicine for application deadlines. Successful applicants would start attending classes at the MSU Veterinary School the following fall semester. Students are advised to have a strong background in biology, chemistry, algebra and writing. Students must seek at least 80 hours of experience in the veterinary clinical setting. This experience will help students form the foundation for career development and is part of MSU's admission requirements. Students planning to transfer should see an academic advisor before enrolling in any course. A student must earn a minimum grade of 2.0 in all General Education – Applied Degree courses.

Contact Information

Contact the Science Department, Arts & Sciences Building, Room 3203, telephone number (517) 483-1092 or the [MSU Department of Veterinary Technology](http://cvm.msu.edu) (cvm.msu.edu), or the Center for Academic and Career Pathways – GB StarZone, telephone number (517) 483-1904.

General Education – Applied Degrees, Recommended Choices

(For the full list of options, see [General Education](#))

- English Composition or Applied English
Program of Study Required Courses will meet this requirement.
- English Composition (second course) or Communications or Applied Communications
Program of Study Required Courses will meet this requirement.
- Humanities and Fine Arts or Social Science or Applied Social Science
Program of Study Required Courses will meet this requirement.
- Mathematics or Applied Mathematics

Program of Study Required Courses will meet this requirement.

- Natural Sciences Lab or Applied Science and Technology Lab
Program of Study Required Courses will meet this requirement.

Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
BIOL 121	Biol Foundation for Physiology	4 / 6
COMM 120	Dynamics of Communication	3 / 3

Program of Study Required Course, Limited Choice – *Select one; fulfills the Humanities and Fine Arts or Social Science or Applied Social Science area*

Course Code	Course Title	Credit / Billing Hours
ECON 120	Power, Authority and Exchange	4 / 4
GEOG 200	World Regional Geography	4 / 4
HUMS 160	Mythology	4 / 4
HUMS 213	World Civilizations to 1600	4 / 4
HUMS 214	World Civilizations from 1600	4 / 4
MUSC 240	Musical Cultures to 1750	4 / 4
MUSC 241	Musical Cultures 1750-Present	4 / 4
PHIL 211	Philosophy: Ancient & Medieval	4 / 4
PHIL 212	Philosophy: Modern & Contempory	4 / 4
SOCL 120	Introduction to Sociology	4 / 4

Program of Study Required Course, Limited Choice – *Select one; fulfills the Mathematics or Applied Mathematics area*

Course Code	Course Title	Credit / Billing Hours
MATH 120	College Algebra	4 / 4
MATH 121	Precalculus I	4 / 4
MATH 122	Precalculus II	4 / 4
MATH 151	Calculus I	4 / 4

Program of Study Required Course, Limited Choice – *Select one; fulfills the English Composition or Applied English area*

Course Code	Course Title	Credit / Billing Hours
ENGL 121	Composition I	4 / 4
ENGL 131	Honors Composition I	4 / 4
ENGL 122	Composition II	4 / 4
ENGL 132	Honors Composition II	4 / 4

MSU Veterinary Technology Courses

Forty-three (43) credits from the Veterinary Technology Certificate of Completion from Michigan State University

Institutional Requirements

Choose an appropriate Lansing Community College course or courses so the total number of credits taken at LCC is 15 or more per college policy, and so at least 60 credits are earned toward the degree. Part of this requirement may automatically be fulfilled if a student completes 15 or more credits of the Program of Study Required Courses at LCC.

Total Credit Hours

62 credit hours/21 billing hours

Recommended Course Sequence

(Sequence may be determined based on prerequisites for the courses. To obtain current prerequisite information, search for the course in Banner and select "View Catalog Entry".)

Semester I	Semester II
COMM 120 or Limited Choice for Humanities and Fine Arts or Social Science or Applied Social Science Limited Choice for English Composition or Applied English Limited Choice for Mathematics or Applied Mathematics	BIOL 121 COMM 120 or Limited Choice for Humanities and Fine Arts or Social Science or Applied Social Science
Semester III	Semester IV
Veterinary Technology courses from MSU	Veterinary Technology courses from MSU