

ASSOCIATE OF APPLIED SCIENCE - VETERINARY TECHNOLOGY

This program prepares the student to practice as a licensed veterinary technician (Vet Tech). Graduates may practice as technicians in general or specialty private practices, veterinary teaching hospitals, research facilities, pharmaceutical companies or other agencies where veterinary technicians' skills are needed. Veterinary technicians may choose to specialize in areas including but not limited to anesthesia & analgesia, emergency & critical care, behavior, dermatology, dentistry, equine practice, nutrition, ophthalmology, zoo medicine, and surgical nursing.

Degree Outcomes

Students completing the degree will:

- Demonstrate a solid understanding of the knowledge needed within the field, including anatomy and physiology, laboratory procedures, medical and surgical nursing skills, and an understanding of a variety of species, including companion animals.
- Demonstrate competency in all essential job skills as outlined by the American Veterinary Medical Association (AVMA) Committee on Veterinary Technician Education and Activities (CVTEA), including pharmacology, surgical nursing, dentistry, clinical laboratory, animal nursing, diagnostic imaging, and anesthesiology.

Veterinary Technician Program Information

The TMCC associate degree from the veterinary technician program prepares the student to practice as a licensed veterinary technician (LVT). Graduates may practice as a LVT in general or specialty private veterinary practices, universities, research facilities, pharmaceutical companies, zoos, or other areas where veterinary technicians' skills are needed. The TMCC veterinary technician program meets all of the minimum degree requirements for the Associate of Applied Science degree. The associate in applied science in veterinary technology will be awarded upon completion of all general education and core requirements. Upon completion of the degree the student will be eligible to apply to take the Veterinary Technician National Exam (VTNE) leading to licensure as a licensed veterinary technician. Students may also need to apply for individual state exams depending on the state in which they choose to work. The TMCC veterinary technician program is accredited by the American Veterinary Medical Association (AVMA).

Special Admissions Procedures

The following requirements MUST be fulfilled by June 1 of the year in which you are applying for consideration for selection to the veterinary technician program.

- Must be an admitted (<http://www.tmcc.edu/vettech/application-procedures>) student at TMCC.
- Must have completed the following or equivalent courses:

BIOL 190	Introduction to Cell and Molecular Biology	4
& 190L	and Introduction to Cell and Molecular Biology Laboratory	
ENG 101	Composition I	3
or ENG 113	Composition I for International Students	

MATH 120	Fundamentals of College Mathematics (or higher)	3
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- Students must complete each class with a grade of "C" or better. The records office must receive an official copy of your transcript containing the course and grade.
- Submit veterinary technician program application and all required paperwork as described on the application (which is available online in the spring).
 - Submit official transcripts of all college education.
 - If spring semester course work has not been posted to your transcript, a letter from the College's registrar documenting course work completed and final grade(s) must be provided to the records office.

Admission to the veterinary technician program will be based on completion of the special admissions procedures and the number of points an applicant receives. Eligible students will be numerically ranked, according to total points. In the event of applicants having an equal number of points, the students' GPAs (in all course work applying toward an Associate of Applied Science veterinary technology degree) will be used to rank the tied group. In the event of a further tie, individual essays will be assessed to rank the tied group. Please see the veterinary technician program application for more information. From this ranked list, the fall class will be selected. Selection to the veterinary technician program occurs on a yearly basis for the fall semester. Applicants not selected will not be carried forward to the next year and must reapply for consideration.

An accepted student must submit to the veterinary technician program the following information on or before the first day of class.

- Evidence of current medical insurance.
- Evidence of required immunization status for Diphtheria and Tetanus, and Measles, Mumps, and Rubella.

Students' progression in the veterinary technician program is contingent upon attaining and maintaining a grade of "C" or better in each class of the veterinary technician program (VETT classes). Veterinary technician courses are to be taken in the sequence outlined in the College catalog. General education support courses other than prerequisites may be taken at any time though it is strongly suggested classes be taken prior to acceptance into the program.

Veterinary technician students who are unable to progress from one course to another may apply for re-entry within one year of exiting the program. All re-entry admissions are on a space available basis. Re-entry is not guaranteed. Upon the student's re-admission, the program coordinator will outline the necessary course work. Re-admission to the veterinary technician program is limited to one time only.

Veterinary technician graduates are eligible to take the Veterinary Technician National Exam (VTNE) and to apply for licensure in the state of their choice. Each state has specific criteria for licensure eligibility. It is the student's responsibility to contact the state to ascertain eligibility requirements. Graduation from an AVMA accredited program is only one of the requirements and does not mean automatic licensure as a veterinary technician.

AAS degrees are generally non-transfer degrees that are designed for students to enter the workforce.

To earn an AAS degree, students must:

1. Maintain a minimum cumulative GPA of 2.0 (see requirements for graduation.)
2. Complete a minimum of 15 units within the college.
3. Satisfy General Education requirements for the AAS (<http://catalog.tmcc.edu/degrees-certificates/general-education/aas>).
4. Have no financial or library obligation to the college.

General Education Requirements

Communications/English

Required:

ENG 101	Composition I	3
or ENG 113	Composition I for International Students	
ENG 102	Composition II	3
or ENG 114	Composition II For International Students	

*Fine Arts/Humanities/Social Science*¹ 3

Recommended: Select a course which also fulfills Diversity

Mathematics [3]

Required:

MATH 120	Fundamentals of College Mathematics (or higher)	3
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Science [6]

Required:

BIOL 190 & 190L	Introduction to Cell and Molecular Biology and Introduction to Cell and Molecular Biology Laboratory	4
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Additional College Requirements

*Diversity*¹ [3]

Recommended:

ANTH 205	Ethnic Groups in Contemporary Societies	
ANTH 208	Fundamentals of Cultural Diversity	
ANTH 229	Fundamentals of Applied Anthropology	
EDU 203	Introduction to Special Education	
ENG 231	World Literature I	
ENG 232	World Literature II	
GEOG 200	World Regional Geography	
HIST 208	World History I	
HIST 209	World History II	
PHIL 210	World Religions	
PSY 276	Aging in Modern American Society	
SOC 205	Ethnic Groups in Contemporary Societies	
SOC 276	Aging in Modern American Society	

Human Relations 3

Recommended:

CE 201	Workplace Readiness	
EPY 101	Educational, Career, and Personal Development	
MGT 171	Supervision	
MGT 201	Principles of Management	

U.S. and Nevada Constitutions 3

Recommended:

PSC 101	Introduction to American Politics	
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Degree Requirements²

VETT 101	Introduction to Animal Health Technology	4
VETT 105	Veterinary Medical Terminology	1
VETT 110	Comparative Animal Anatomy and Physiology I	4

VETT 112	Comparative Animal Anatomy and Physiology II	4
VETT 125	Veterinary Office Procedures	1
VETT 128	Animal Nursing	4
VETT 203	Clinical and General Pathology	4
VETT 205	Veterinary Diagnostic Imaging	2
VETT 208	Lab Animal Science and Exotics	2
VETT 209	Parasitology	2
VETT 211	Animal Nutrition	2
VETT 225	Pharmacology and Toxicology	2
VETT 227	Advanced Animal Nursing	4
VETT 235	Anesthesia, Surgical Nursing & Dental Procedures	4
VETT 240	Large Animal Medicine	4
VETT 250	Small Animal Critical Care	3
VETT 266	Directed Clinical Practices	2
VETT 267	Advanced Clinical Practices	2
Total Units		73

¹ Course may also count toward degree requirements. Please consult with Academic Advisement.

² Students must earn a minimum grade of "C" or better in each degree requirement.

Course	Title	Units
1st semester		
Human Relations ³		3
ENG 101 or ENG 113	Composition I or Composition I for International Students	3
MATH 120	Fundamentals of College Mathematics (or higher)	3
Semester Total		9
2nd semester		
BIOL 190 & 190L	Introduction to Cell and Molecular Biology and Introduction to Cell and Molecular Biology Laboratory	4
ENG 102 or ENG 114	Composition II or Composition II For International Students	3
Diversity/Fine Arts/Humanities/Social Science ⁴		3
U.S. and Nevada Constitutions ⁴		3
Semester Total		13
3rd semester		
VETT 101	Introduction to Animal Health Technology	4
VETT 105	Veterinary Medical Terminology	1
VETT 110	Comparative Animal Anatomy and Physiology I	4
VETT 125	Veterinary Office Procedures	1
VETT 211	Animal Nutrition	2
Semester Total		12
4th semester		
VETT 112	Comparative Animal Anatomy and Physiology II	4
VETT 128	Animal Nursing	4
VETT 203	Clinical and General Pathology	4
VETT 205	Veterinary Diagnostic Imaging	2
Semester Total		14

5th semester

VETT 209	Parasitology	2
VETT 225	Pharmacology and Toxicology	2
VETT 235	Anesthesia, Surgical Nursing & Dental Procedures	4
VETT 240	Large Animal Medicine	4
VETT 266	Directed Clinical Practices	2
Semester Total		14

6th semester

VETT 208	Lab Animal Science and Exotics	2
VETT 227	Advanced Animal Nursing	4
VETT 250	Small Animal Critical Care	3
VETT 267	Advanced Clinical Practices	2
Semester Total		11
Total Units		73

³ See approved General Education list for the AAS Degree. (<http://catalog.tmcc.edu/degrees-certificates/general-education/aas>)

⁴ See program recommendations or requirements.