

# Veterinary Technology AAS

## Career & Technical Division

### Program Description:

Veterinary technicians are an integral part of veterinary medicine and they work under the supervision of veterinarians. Veterinary technicians are employed to assist in many veterinary tasks. They cannot diagnose, prescribe medications or perform surgery. Most veterinarians consider their technicians to have the same role as nurses would to general doctors and surgeons. They must be knowledgeable in many areas of veterinary care including anesthesia, surgery, bandaging, radiology, pharmacology, dentistry, nutrition, laboratory procedures, and animal care and handling. They are also required to communicate with clients and must possess office and management skills.

The Veterinary Technician program at Mountwest Community & Technical College consists of 74 credit hours. This is a two-year associate program and is not to be considered a pre-veterinary medicine program. The course of study will include biology, chemistry, anatomy and physiology, parasitology, nutrition, animal disease, anesthesia, pharmacology along with animal care, restraint and handling. Students will work with client pets, small animals and farm animals.

Students will gain experience by completing two practicums and an externship in veterinary facilities. Students will be placed in facilities at the program directors discretion so that they may obtain experience in different types of settings. Students will obtain approximately 440 hours of clinical experience.

### Career Outlook:

Employment of veterinary technologists and technicians is expected to grow from 2010 to 2020, much better than the average for all occupations. A growing pet population will require more veterinary technologists and technicians. In addition, many people consider their pets to be part of their family and are willing to pay more for pet care than in the past. Also, veterinary medicine has advanced considerably, and many of the veterinary services offered today are now comparable to health services for humans.

As veterinarians perform more specialized tasks, clinics and animal hospitals are increasingly using veterinary technologists and technicians to provide more general care and to do more laboratory work. Furthermore, as the number of veterinary services grows, veterinarians will continue to prefer higher skilled veterinary technologists and technicians over veterinary assistants for more complex work.

Continued support for public health, food and animal safety, and national disease control programs, as well as biomedical research on human health problems, also will contribute to demand for veterinary technologists.

Overall job opportunities for veterinary technologists and technicians are expected to be excellent, particularly in rural areas. The number of veterinary technology programs has been growing, but rapid employment growth means that the number of positions available will continue to outpace the number of new graduates. Workers leaving the occupation will also result in job openings

Source: U.S. Department of Labor

Salary Forecast: For the most current salary information please refer to the Bureau of Labor Statistics "Occupational Outlook Handbook" found at [www.bls.gov/ooh/](http://www.bls.gov/ooh/).

**Admission Requirements:** Students must submit an application for this program as it is selective admission. Students must also:

- be accepted to Mountwest Community and Technical College prior to program admission
- have a 2.5 GPA from the institution currently or previously enrolled
- provide copy of ACT scores or other comparable testing
- have a minimum ACT math score of 19 or COMPASS algebra score of 36 or Accuplacer score of 85
- have a minimum ACT English score of 18 or COMPASS score of 71 or Accuplacer score of 5
- have a minimum Reading Accuplacer Score of 79
- must have 120 hours of documented voluntary/work experience in veterinary hospital or animal clinic with a minimum of 100 hours in clinic or hospital and 20 hours in an animal shelter
- consent to a background check and drug testing upon admission to the program (associated costs are responsibility of the applicant), with random drug testing and background checks during the course of the program. Once accepted the program, we will schedule for the drug testing and background checks to be completed.
  - Must pass drug test and background check for admittance into program
  - Must pass random drug testing and background check for continuation of program study
- Conviction of crimes such as felonies and misdemeanors may affect the ability of a Graduate to obtain state licensure
- must have proof of health insurance
- must receive or be willing to receive the Rabies pre-exposure vaccinations and Tetanus vaccination. If not completed prior to admission the student must receive the series upon admissions to the program (student is responsible for associated costs)
  - record of the Tetanus vaccination
  - record of pre-exposure Rabies vaccination
    - Rabies vaccinations re expensive so prepare for the associated costs
    - Three injections over a month. Cost range for the series (\$600-\$900)

Accreditation: The program is accredited through the American Veterinary Association (AVMA) based on accreditation requirements.

Contact Information: Amanda Clark [clarka@mctc.edu](mailto:clarka@mctc.edu) 304 710-3492

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**VETERINARY TECHNOLOGY-ALLIED HEALTH-Major Code CV10<sup>1</sup>**

<b>Name:</b>			<b>ID Number</b>	
<b>CAPS SCORES:</b>	<b>MATH:</b>	<b>ENGLISH:</b>	<b>READ:</b>	<b>DOE:</b>
<b>COL 101 Faculty:</b>				
<b>Educational Counselor:</b>				
<b>Faculty Advisor:</b>				

**COURSE REQUIRED**

COURSE		SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
	Math Elective <sup>2</sup>		3				
VET 101	Intro to Veterinary Technology		3				
VET 210	Veterinary Nursing I <sup>3</sup>	F	2				
VET 210L	Veterinary Nursing I Lab <sup>3</sup>	F	1				
VET 215	Clinical Lecture I <sup>3</sup>	F	2				
VET 215L	Clinical Lecture I Lab <sup>3</sup>	F	1				
VET 227	Anatomy and Physiology for Vet Tech <sup>3</sup>	F	4				
AH 151	Medical Terminology <sup>4</sup>		3				
SCI 220	Chemistry <sup>5</sup>		3				
VET 216	Veterinary Pharmacology	S	2				
VET 220	Veterinary Nursing II <sup>6,7</sup>	S	2				
VET 220L	Veterinary Nursing II Lab <sup>6</sup>	S	1				
VET 225	Clinical Lecture II <sup>6,7</sup>	S	2				
VET 225L	Clinical Lecture II Lab <sup>6</sup>	S	1				
VET 260	Veterinary Imaging <sup>6,7</sup>	S	2				
VET 260L	Veterinary Imaging Lab <sup>6</sup>	S	1				
	(Summer Session)						
ENL 111 or ENL 231	Written Communications <sup>4</sup> Business & Technical Writing <sup>4</sup>		3				
VET 285	Vet Tech Practicum I <sup>8</sup>		3				
COM 125	Interpersonal Communication <sup>4</sup>		3				
BIOL 210	Introduction to Clinical Microbiology		3				
VET 217	Veterinary Pharmacology <sup>9</sup>	F	2				
VET 230	Veterinary Nursing III <sup>10,11</sup>	F	2				
VET 230L	Veterinary Nursing III Lab <sup>11</sup>	F	1				
VET 245	Veterinary Anesthesia <sup>10</sup>	F	1				
VET 245L	Veterinary Anesthesia Lab	F	1				
VET 250	Veterinary Nutrition and Disease	F	3				
VET 255	Veterinary Surgery <sup>10</sup>	F	1				
VET 255L	Veterinary Surgery Lab	F	1				
VET 235	Veterinary Office Technician Procedures <sup>12</sup>	S	2				
VET 240	Veterinary Nursing IV <sup>12,13</sup>	S	2				
VET 240L	Veterinary Nursing IV Lab <sup>12</sup>	S	1				
VET 265	Veterinary Emergency and Critical Care <sup>12</sup>	S	1				
VET 265L	Veterinary Emergency and Critical Care Lab <sup>12</sup>	S	1				
VET 275	Small Animal Vet Dentistry <sup>12,14</sup>	S	2				
VET 275L	Small Animal Vet Dentistry Lab <sup>12</sup>	S	1				
VET 290	Veterinary Technology (VTNE) Seminar <sup>12</sup>	S	2				
	(Summer Session)						
VET 295	Veterinary Technology Externship <sup>15</sup>		5				

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**DEVELOPMENTAL COURSES REQUIRED**

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
HOURS REQUIRED FOR GRADUATION: 74							

<sup>1</sup> All courses must be completed with a grade of C or better.

<sup>2</sup> Choose from MAT 120, MAT 125, MAT 135, or MAT 145.

<sup>3</sup> VET 210, VET 210L, VET 215, VET 215L, and VET 227 are co-requisites.

<sup>4</sup> AH 151, ENL 111 and ENL 231 have a prerequisite of placement in 100-level English, and placement in 100-level reading.

<sup>5</sup> SCI has a prerequisite of MAT 120, MAT 125, MAT 135 or MAT 145.

<sup>6</sup> VET 220, VET 220L, VET 225, VET 225L, VET 260, VET 260L are co-requisites.

<sup>7</sup> VET 220, VET 225 and VET 260 have a prerequisite of VET 210, VET 210L, VET 215, VET 215L, VET 227.

<sup>8</sup> VET 285 has a prerequisite of VET 210, VET 215, VET 216, VET 220 and VET 260.

<sup>9</sup> VET 217 has a prerequisite of VET 216, VET 220 and VET 285.

<sup>10</sup> VET 230, VET 245 and VET 255 have a prerequisite of VET 285.

<sup>11</sup> VET 217, VET 230, VET 230L, VET 245, VET 245L, VET 250, VET 255, and VET 255L are co-requisites.

<sup>12</sup> VET 235, VET 240L, VET 265, VET 265L, VET 275, VET 275L and VET 290 are co-requisites.

<sup>13</sup> VET 240 has a prerequisite of VET 210, VET 220 and VET 230.

<sup>14</sup> VET 275 has a prerequisite of VET 217, VET 230, VET 245, VET 250 and VET 255.

<sup>15</sup> VET 295 is a capstone course.

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