

**Murray State College**  
Tishomingo and Ardmore

**Veterinary Technology**

**PROGRAM REQUIREMENTS**

|  | <b>Credit Hours</b> |
|--|---------------------|
| <b>GENERAL EDUCATION</b> .....   | <b>17</b>           |
| <b>EFFECTIVE COMMUNICATION (6 Hours)</b>   |                     |
| ENG 1113 English Composition I .....   | 3                   |
| ENG 1213 English Composition II (or) .....   | 3                   |
| SPC 1113 Fundamentals of Speech  |                     |
| <b>HISTORY AND POLITICAL AWARENESS (6 Hours)</b>   |                     |
| HST 1483 US History to 1877 (or) .....   | 3                   |
| HST 1493 US History since 1877   |                     |
| GVT 1113 American Federal Government .....   | 3                   |
| <b>HUMANITIES (1 Hour)</b>   |                     |
| Any course with a HUM prefix (or) .....  | 1                   |
| Any Area 4 course from course catalog.   |                     |
| <b>CRITICAL THINKING (4 Hours)</b>   |                     |
| BIO 1404 Principals of Biology .....   | 4                   |
| <b>ACADEMIC SUCCESS (if applicable)*</b>   |                     |
| COL1211/1211L Success Strategies.....(1)   |                     |
| *All first-time, full-time freshmen students seeking a degree or certificate are required to enroll in Success Strategies and the New Student Symposium. |                     |
| <b>PROGRAM REQUIREMENTS</b> .....  | <b>58</b>           |
| VT 1111 Veterinary Medical Terminology I....   | 1                   |
| VT 1112 Veterinary Technology Math for Meds.   | 2                   |
| VT 1114 Anatomy of Domestic Animals.....   | 4                   |
| VT 1124 Introduction to Veterinary Technology..  | 4                   |
| VT 1221 Veterinary Medical Terminology II ...  | 1                   |
| VT 1223 Physiology of Domestic Animals .....   | 3                   |
| VT 1224 Veterinary Clinical Pathology I .....  | 4                   |
| VT 1233 Pharmacology for Veterinary Technicians  | 3                   |
| VT 1234 Veterinary Medical Nursing I .....   | 4                   |
| VT 2113 Veterinary Imaging .....   | 3                   |
| VT 2114 Anesthesia & Surgical Nursing.....   | 4                   |
| VT 2123 Diseases of Domestic Animals .....   | 3                   |
| VT 2134 Veterinary Clinical Pathology II .....   | 4                   |
| VT 2212 Veterinary Hospital Management ....  | 2                   |
| VT 2214 Veterinary Medical Nursing II .....  | 4                   |
| VT 2223 Wild, Zoo, and Laboratory Animals..  | 3                   |
| VT 2243 Veterinary Clinical Nutrition.....   | 3                   |
| VT 2336 Veterinary Technician Externship....   | 6                   |
| <b>PROGRAM ELECTIVES</b>   |                     |
| VA 1114 Veterinary Assistant I.....  | 4                   |
| VA 1214 Veterinary Assistant II.....   | 4                   |
| HWP Personal Health, First Aid, or Activity ...  | 2                   |
| <b>TOTAL CREDIT HOURS</b> .....  | <b>75</b>           |

**Note:** A total of at least 75 hours with minimum "Retention-Graduation GPA" of 2.00 is required. At Least 15 of the last 20 hours toward a degree must be completed with MSC.

**SUGGESTED COURSE SEQUENCE**

|  | <b>Credit Hours</b> |
|--|---------------------|
| <b>FIRST SEMESTER</b> .....                    | <b>18</b>           |
| VT1111 Veterinary Medical Terminology I ...    | 1                   |
| VT1112 Veterinary Technology Math for Meds     | 2                   |
| VT1114 Anatomy of Domestic Animals.....        | 4                   |
| VT1124 Introduction to Veterinary Technology   | 4                   |
| *COL 1211/1211L Success Strategies*.....       | 1                   |
| *ENG1113 English Comp 1.....                   | 3                   |
| *HST1483 US History to 1865 (or) .....         | 3                   |
| *HST1493 US History since 1865                 |                     |
| <b>SECOND SEMESTER</b> .....                   | <b>19</b>           |
| VT1221 Veterinary Medical Terminology II ..    | 1                   |
| VT1223 Physiology of Domestic Animals.....     | 3                   |
| VT1224 Veterinary Clinical Pathology I .....   | 4                   |
| VT1233 Pharmacology for Veterinary Technicians | 3                   |
| VT1234 Veterinary Medical Nursing I .....      | 4                   |
| *BIO1404 Principals of Biology .....           | 4                   |
| <b>THIRD SEMESTER</b> .....                    | <b>18</b>           |
| VT2113 Veterinary Imaging .....                | 3                   |
| VT2114 Anesthesia & Surgical Nursing .....     | 4                   |
| VT2123 Diseases of Domestic Animals .....      | 3                   |
| VT2134 Veterinary Clinical Pathology II.....   | 4                   |
| *ENG1213 English Comp II (or) .....            | 3                   |
| *SPC1113 Fundamentals of Speech (or)           |                     |
| *ENG2113 Technical Report Writing              |                     |
| *HUM1111 Humanities .....                      | 1                   |
| <b>FOURTH SEMESTER</b> .....                   | <b>18</b>           |
| VT2212 Veterinary Hospital Management ...      | 2                   |
| VT2214 Veterinary Medical Nursing II .....     | 4                   |
| VT2223 Wild, Zoo, and Laboratory Animals.      | 3                   |
| VT2243 Veterinary Clinical Nutrition.....      | 3                   |
| *GVT1113 American Federal Government... 3      |                     |
| <b>FIFTH SEMESTER-Summer</b> .....             | <b>6</b>            |
| VT2336 Veterinary Technician Externship....    | 6                   |

\*Students are encouraged to complete General Education requirements prior to beginning the Veterinary Technology core curriculum.

The above list is a suggested course sequence only. Students may, with guidance from their Graduation Advisor, make changes to the course sequence. Students should be aware that changes to the course sequence may require more than five semesters to complete their Associate's Degree.

**PROGRAM OVERVIEW**

The Program emphasizes "hands-on" training with both large and small animals to prepare graduates to become integral members of the professional Veterinary Health Care Team. The Veterinary Technology Program is fully accredited by the American Veterinary Medical Association. Graduates of the Veterinary Technology Program are eligible to sit for State and National Board Examinations to become Registered Veterinary Technicians. Registered Veterinary Technicians perform all facets of veterinary medicine except diagnosis, prescribing medication and performing surgery.

**Career opportunities for Registered Veterinary Technicians**

- Veterinary clinical practice and laboratories
- Non-profit organizations
- Veterinary supply and pharmaceutical companies
- Zoological parks
- Farm management
- Education
- Military and other governmental agencies
- Veterinary technician specialties

The US Department of Labor Statistics predicts a 52% growth rate in this profession between now and 2020. There has never been a better time to become a Veterinary Technician.

**GENERAL COLLEGE PREPARATORY REQUIREMENTS**

Students may be required to complete transitional courses in English and/or math prior to being admitted into college level courses. Academic placement is determined either by ACT results or placement exams.