

VETERINARY TECHNOLOGY

This program is designed to provide the student with skills for entry-level employment as a veterinary technician. Students will be challenged by instructors to learn and apply skills relative to veterinary support, client communication, and office management as well as patient care. Students prepare for the Veterinary Technician National Examination (VTNE). General education classes help students develop analytical, inferential, communication, independent learning and computational skills.

The goal of this program is to prepare graduates who are able to:

1. Demonstrate proficiency in essential veterinary technology skills
2. Demonstrate comprehension in the following veterinary areas: pharmacology; surgical preparation, assisting and anesthesia; dentistry; laboratory procedures; animal care and nursing; diagnostic imaging; and basic animal physiology
3. Record patient medical information using appropriate veterinary medical terminology
4. Differentiate between normal and abnormal physical status in common animal species and take appropriate corrective measures where indicated
5. Accurately calculate, dispense, and explain dosages of medications
6. Use appropriate professional behavior in the clinical setting
7. Demonstrate appropriate written and verbal communication skills
8. Evaluate the quality of multiple viewpoints, arguments, and evidence and distinguish between fact and opinion
9. Exhibit social responsibility and examine the diverse cultures and value systems of our global community

CORE REQUIREMENTS

Class #	Class Name	Credits
OA165	Veterinary Office Procedures	3
PD250	Career Development	1
VT101	Veterinary Medical Terminology	2
VT105	Introduction to Veterinary Technology	3
VT116	Introduction to Veterinary Clinical Skills	3
VT145	Animal Physiology I	2
VT146	Animal Physiology II	3
VT152	Animal Anatomy	2
VT175	Veterinary Pharmacology	5
VT181	Imaging	3
VT209	Basic Hematology	3
VT216	Parasitology	4
VT222	Lab Animals Exotics and Pocket Pets	3
VT230	Advanced Veterinary Clinical Skills	4
VT236	Small Animal Nutrition and Nursing	4
VT242	Hematology and Small Animal Disease	4
VT250	Anesthesiology	4
VT256	Small Animal Surgical Assisting	4
VT270	Production Animals	3
VT280	Equine	3
VT292	Application of Veterinary Clinical Skills	3
VT296	Certified Veterinary Technician Review	3
VT298	Veterinary Clinical Training	9

Total Core Minimum Credit Requirement 78

GENERAL EDUCATION REQUIREMENTS

A student pursuing an associate's degree is required to earn a minimum of 30 credits from the general education courses listed below, demonstrating a solid grounding in the liberal arts. A minimum of three credits must be earned in each of the following disciplines: communications, humanities, natural science and mathematics and social science.

Class#	Class Name	Credits
COMMUNICATIONS		
CM111	Speech Communications	4
CM121	Composition (required)	4
CM200	Intercultural Communications	4
CM210	Creative Writing	4
CM220	Art of Persuasion	4
CM230	Mass Communication	4
CM320	Writing and Research	4
HUMANITIES		
HU100	Introduction to Humanities	4
HU121	Film in Society	4
HU130	Spanish I	4
HU150	Introduction to Literature	4
HU200	Art in the Modern World	4
HU230	Spanish II	4
HU310	The Novel	4
HU315	World Literature	4
NATURAL SCIENCE and MATHEMATICS		
^Students must complete either NS112 or NS116		
NS105	Biology (required)	4
NS111	Environmental Issues	4
NS112	Topics in Mathematical Reasoning (required)^	4
NS116	College Algebra I (required)^	4
NS121	Earth Science	4
NS126	Chemistry Today*	4
NS135	Microbiology	4
NS140	Anatomy and Physiology I	4
NS150	Anatomy and Physiology II	4
NS216	College Algebra II	4
NS305	Statistics I	4
NS320	Introduction to Decision Systems	4
NS351	Statistics II	4
SOCIAL SCIENCE		
SS103	Global Citizenship (required)	2
SS116	Introduction to Psychology	4
SS130	Law in Society	4
SS140	Interpersonal Relations (required)	4
SS145	Introduction to Macroeconomics	4
SS200	Introduction to Microeconomics	4
SS205	Sociology	4
SS210	Developmental Psychology	4
SS230	Psychology of Personality	4
SS311	Human Behavior	4
SS331	International Economics	4
SS360	Abnormal Psychology	4
Total General Education Minimum Credit Requirement		30

Total Program Minimum Credit Requirement 108

Notes:

Students may be required to complete Foundations of Mathematics I and/or II and Foundations of Writing I and/or II based upon competency exam scores.

* Offered only at the Richfield, MN campus.