Associate of Applied Science in Veterinary Technology

This program is delivered only through Matanuska-Susitna College.

The Associate of Applied Science (AAS) in Veterinary Technology prepares students to be an integral member of a veterinary team, providing direct nursing care and fulfilling many other technician responsibilities. The program is designed to align with the educational guidelines of the American Veterinary Medical Association (AVMA).

Admission Requirements

- Complete the Admission Requirements for Associate Degrees (http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/).

- Complete the following admission requirements for the AAS in Veterinary Technology:

  - Due to external regulations, cohort sizes are limited. For that reason, admission to the AAS in Veterinary Technology is competitive and based on a ranking process and selection criteria.

  - Admission requirements must be completed prior to the published application deadline.

  - There is no guarantee of admission, despite satisfactory completion of all admission requirements. For this reason, it is highly recommended that students begin their studies with a holistic plan, that includes other pathways of interest.

  - Formal admission requirements to the AAS in Veterinary Technology:

    - Attend an advising session and have an interview with the veterinary technology program coordinator.

    - Submit an admission essay.

    - Submit a résumé with three letters of recommendation.

  - Due to changing external regulations, it is important that students use the application form for the year they are applying.
  - Further details regarding the selection process can be found in the AAS in Veterinary Technology Student Handbook.

Special Considerations

- Students are required to provide the following before beginning coursework:
  - Results of a national-level background check.
  - Documentation from a personal physician, PA-C, or NP affirming the capability of performing the physical tasks required for the program as outlined in the AAS in Veterinary Technology Student Handbook.
  - Evidence of diphtheria/tetanus vaccination within the past 10 years (with booster required at the time of expiration) and rabies vaccination in accordance with the CDC guidelines for rabies prophylaxis for Risk Category 3 (https://www.cdc.gov/rabies/prevention/pre-exposure_vaccinations.html).
  - Professional liability insurance coverage as outlined in the AAS Veterinary Technology Student Handbook.

- Students enrolled in clinical courses must provide their own transportation to clinical assignments and will be required to purchase uniforms and specialized equipment.

- Students are required to earn a minimum grade of B in VTCH A101 and BIOL A100/BIOL A102/BIOL A111 to progress to the second semester. They are required to earn a minimum grade of C in all remaining VTCH and CHEM courses.

- The veterinary technology program admits students into a program cohort. Thus, a student must be readmitted if they leave the program for any reason.

Graduation Requirements

- Complete the General University Requirements for Associate Degrees (http://catalog.uaa.alaska.edu/undergraduateprograms/aasrequirements/).

- Complete the General Education Requirements for Associate of Applied Science Degrees (http://catalog.uaa.alaska.edu/undergraduateprograms/aasrequirements/generaleducationrequirements/).

  - For the Quantitative Skills GER choose MATH A121, MATH A151, or higher.

- Students are required to earn a minimum grade of B in VTCH A101 and BIOL A100/BIOL A102/BIOL A111 and earn a minimum grade of C in all remaining VTCH and CHEM courses.

- Complete the following major requirements:

Code	Title	Credits
BIOL A100	Human Biology	3
or BIOL A102	Introductory Biology	
or BIOL A111	Human Anatomy and Physiology I	
CHEM A103	Introduction to General Chemistry	3
or CHEM A105	General Chemistry I	
VTCH A101	Introduction to Veterinary Technology	1
VTCH A102	Veterinary Medical Terminology	1
VTCH A110	Medical Calculations for Veterinary Technicians	1
VTCH A111	Veterinary Office Procedures and Hospital Management	3

VTCH A112 & A112L	Veterinary Anatomy and Physiology and Veterinary Anatomy and Physiology Laboratory	4
VTCH A113 & A113L	Veterinary Nursing Skills and Veterinary Nursing Skills Laboratory	4
VTCH A120	Pharmacology for Veterinary Technicians	2
VTCH A121	Small Animal Medicine	3
VTCH A122 & A122L	Veterinary Surgical Nursing and Veterinary Surgical Nursing Laboratory	4
VTCH A130	Applied Small Animal Behavior I	1
VTCH A195	Clinical Externship I	3
VTCH A223 & A223L	Veterinary Microbiology and Parasitology and Veterinary Microbiology and Parasitology Laboratory	4
VTCH A231 & A231L	Veterinary Diagnostic Imaging and Dentistry and Veterinary Diagnostic Imaging and Dentistry Laboratory	3
VTCH A232 & A232L	Veterinary Anesthesia and Analgesia and Veterinary Anesthesia and Analgesia Laboratory	4
VTCH A233 & A233L	Veterinary Clinical Pathology and Veterinary Clinical Pathology Laboratory	4
VTCH A240	Applied Small Animal Behavior II	1
VTCH A241 & A241L	Laboratory and Exotic Animal Medicine and Laboratory and Exotic Animal Medicine Laboratory	3
VTCH A242 & A242L	Large Animal Medicine and Clinical Procedures and Large Animal Medicine and Clinical Procedures Laboratory	3
VTCH A243	Career Success for Veterinary Technicians	1
VTCH A244	Veterinary Technician National Exam Preparation	1
VTCH A295	Clinical Externship II	3
Total		**60**

A minimum of 72 credits is required for the degree.

Program Student Learning Outcomes

Students graduating with an Associate of Applied Science in Veterinary Technology will be able to:

- Apply critical thinking skills required to be effective members of a veterinary care team.
- Perform the technical skills required of a veterinary technician.
- Demonstrate the hands-on animal nursing skills required of a veterinary technician.
- Behave and communicate professionally as required to be successful as a veterinary technician.