MERCER COUNTY TECHNICAL SCHOOLS

Health Science Academy

Veterinary/Animal Health Technology Pathway - Assunpink Center

Our Veterinary/Animal Health Technology pathway is designed for students to experience a dynamic mix of classroom learning, hands-on labs, realistic clinical simulations, and real-world opportunities that bring the field to life. With a strong focus on safety, ethics, and cutting-edge research, this program aligns with key industry standards, ensuring you're gaining practical, job-ready skills from day one. Imagine exploring animal anatomy, mastering disease prevention, delving into pharmacology, and working with advanced technologies—all while connecting these topics to state standards that support essential objectives, such as safe animal handling and biosecurity protocols. By the time you graduate, you'll be ready to jump into entry-level positions or pursue higher education in veterinary medicine, with built-in prior learning assessments that can earn you college credits right away.

Picture yourself thriving in roles like veterinary assistant, animal lab technician, or farm health manager, with a clear pathway in veterinary/animal health technology. Thanks to our strong industry partnerships, you'll earn valuable credentials and take advantage of embedded assessments that prove your workforce readiness. This is where your love for animals meets innovative education—get ready to make a difference!

To build real-world expertise, you'll complete 100 hours of externship or clinical experience outside our school's facilities, working with unfamiliar animals to hone your skills. These hours can be spread across various settings, but must include time at a veterinary clinic or hospital, where you'll observe and practice as a veterinary assistant under a supervisor's guidance. You might also volunteer at an animal shelter (walking, feeding, and socializing pets), assist at low-cost vaccination or spay/neuter clinics (restraining animals for licensed pros), or engage in other hands-on services focused on restraint, vital signs, and nursing tasks within a veterinary assistant's scope.

Dive into immersive hands-on learning through labs, dissections, and clinical scenarios that sharpen your abilities in animal restraint, medication administration, and diagnostic testing. You'll have the chance to earn sought-after industry certifications, including OSHA 10-Hour General Industry (Veterinary), Elanco Veterinary Medical Applications, and Certified Veterinary Assistant (aligned with NAVTA Essential Skills). Plus, tap into dual enrollment and articulated credits from our partner colleges like Mercer County Community College, Rutgers University, and Delaware Valley University.

Industry Valued Credentials & Certifications

- OSHA 10-Hour (Veterinary)
- Elanco Veterinary Medical Applications
- Certified Veterinary Associate (NAVTA)

Assunpink Center
1085 Old Trenton Road
Trenton, NJ 08690
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Admissions
mcts.edu/admissions

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Health Science Academy

Veterinary/Animal Health Technology Pathway

Course Sequence

Core	Grade 9	Grade 10	Grade 11	Grade 12
English Language Arts	English I	**AP Seminar: English II**	**English III**	**English IV**
Mathematics (*)	Algebra I or Geometry	Geometry or **Algebra II**	**Algebra II, or AP Statistics**	**AP Precalculus** or MAT125 Elementary Statistics
Science	**Biology**	Chemistry	Physics	
Social Studies	**World History**	**US History I**	**AP US History**	
Financial, Economic Business, and Entrepreneurial Business Literacy			Foundations in Personal Finance Office Procedures & Client Relations	
Health, Safety, and Physical Education	Physical Education & Health I	Physical Education, Health II and Drivers Education	Physical Education & Health III	**Physical Education & Health IV**
Visual and Performing Arts		Visual & Performing Arts Seminar		
World Languages	Spanish I/**Spanish II**			
Career Technical Education	Introduction to Veterinary Technology	Principles of Animal Science (CASE)	Animal Health & Veterinary Science (CASE) *Veterinary Medical Applications (iCEV)*	Small Animal Nursing & Surgical Prep
Interdisciplinary Studies	Principles of Biomedical Science (RIT: PLTW)	Anatomy & Physiology of Domestic Animals I	Animal Behavior and Restraint Veterinary Clinical I	Veterinary Clinical II Certified Veterinary Associate
Technology	Integrated throughout all courses			

- **Bolded courses** provide an opportunity for students to earn college credit on MCTS's campus. See specific course descriptions detailed below.
- All post-secondary agreements are reviewed annually.
- All courses may be subject to change
- Board Approved 03/17/2026
- Created 09/23/2026

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