

HIGH SCHOOL CVA LEVEL I SKILLS VALIDATION CHECKLIST

(MUST BE SUPERVISED & CHECKED OFF BY DVM OR TX LVT ONLY)

NOTE: All competencies must be either **performed** or **described** by the applicant, even if a certain species is not seen by the practice.

Applicant has demonstrated reasonable proficiency or competency in the following work requirements:

Performed	OR	Described	Skill or Competency	Performed	OR	Described	Skill or Competency
<input type="checkbox"/>		<input type="checkbox"/>	Uses common terminology (spoken and written) required in your veterinary practice	<input type="checkbox"/>		<input type="checkbox"/>	Uses (or can describe) the proper method of haltering a large animal
<input type="checkbox"/>		<input type="checkbox"/>	Keeps assigned work areas clean and orderly	<input type="checkbox"/>		<input type="checkbox"/>	Practices (or can describe) the proper personal safety precautions when releasing a large animal
<input type="checkbox"/>		<input type="checkbox"/>	Demonstrates a basic knowledge of sanitary procedures	<input type="checkbox"/>		<input type="checkbox"/>	Properly restrains animals when assisting the veterinarian with cephalic and saphenous venous sampling
<input type="checkbox"/>		<input type="checkbox"/>	Handles animals in a safe, humane manner	<input type="checkbox"/>		<input type="checkbox"/>	Properly muzzles fractious animals
<input type="checkbox"/>		<input type="checkbox"/>	Can name and select the equipment items most commonly used in your veterinary practice	<input type="checkbox"/>		<input type="checkbox"/>	Handles and holds animals so as to generally avoid bites to themselves and to the attending veterinarian
<input type="checkbox"/>		<input type="checkbox"/>	Demonstrates a basic understanding of the most commonly used veterinary drugs	<input type="checkbox"/>		<input type="checkbox"/>	Demonstrates (or describes) the proper method of moving cattle and horses through chutes and into or out of stalls
<input type="checkbox"/>		<input type="checkbox"/>	Recognizes the symptoms commonly associated with animals affected by rabies	<input type="checkbox"/>		<input type="checkbox"/>	Recognizes and avoids potential safety hazards in the examination room or area
<input type="checkbox"/>		<input type="checkbox"/>	Uses procedures that ensure personal safety when handling animals suspected of having rabies	<input type="checkbox"/>		<input type="checkbox"/>	Handles animals in the examination room or area so as to prevent harm to the patient and humans
<input type="checkbox"/>		<input type="checkbox"/>	Demonstrates appropriate understanding and respect for the human-animal bond in dealing with clients and their animals	<input type="checkbox"/>		<input type="checkbox"/>	Carefully observes patients and surroundings and reports observations to the attending veterinarian
<input type="checkbox"/>		<input type="checkbox"/>	Handles and disposes of "sharps" instruments safely and in compliance with practice standards	<input type="checkbox"/>		<input type="checkbox"/>	Aids the veterinarian in the handling and treatment of patients
<input type="checkbox"/>		<input type="checkbox"/>	Uses the proper procedure for lifting and positioning animals	<input type="checkbox"/>		<input type="checkbox"/>	Provides an additional set of eyes and hands for the attending veterinarian
<input type="checkbox"/>		<input type="checkbox"/>	Uses the proper procedure for placing animals in a cage	<input type="checkbox"/>		<input type="checkbox"/>	Handles and uses disposable "sharps" containers in a safe manner
<input type="checkbox"/>		<input type="checkbox"/>	Uses proper method for placing large animals in a stall	<input type="checkbox"/>		<input type="checkbox"/>	Follows OSHA guidelines in collecting and disposing of bio-hazardous materials



Applicant has demonstrated reasonable proficiency or competency in the following work requirements:

Performed	OR	Described	Skill or Competency	Performed	OR	Described	Skill or Competency
<input type="checkbox"/>		<input type="checkbox"/>	Demonstrates (or explains) the proper method of collecting fecal samples (including the palpation sleeve) in the large animal	<input type="checkbox"/>		<input type="checkbox"/>	Follows accepted procedures when bathing or dipping patients
<input type="checkbox"/>		<input type="checkbox"/>	Uses correct quantities of feces for fecal flotations	<input type="checkbox"/>		<input type="checkbox"/>	Safely cares for animals in runs, cages, stalls and paddocks
<input type="checkbox"/>		<input type="checkbox"/>	Recognizes fresh fecal samples	<input type="checkbox"/>		<input type="checkbox"/>	Uses the bedding types indicated for specific breeds/species of housed animals
<input type="checkbox"/>		<input type="checkbox"/>	Can explain client options for disposal of euthanized or deceased animals	<input type="checkbox"/>		<input type="checkbox"/>	Changes bedding materials in a timely and efficient manner
<input type="checkbox"/>		<input type="checkbox"/>	Discusses individual or communal cremation options with owners of deceased pets	<input type="checkbox"/>		<input type="checkbox"/>	Disposes of used bedding materials as needed and in a proper manner
<input type="checkbox"/>		<input type="checkbox"/>	Properly prepares the deceased animal for presentation to the owner	<input type="checkbox"/>		<input type="checkbox"/>	Recognizes and avoids safety hazards in the areas where patients are housed
<input type="checkbox"/>		<input type="checkbox"/>	Exhibits proper decorum when presenting a deceased animal to its owner	<input type="checkbox"/>		<input type="checkbox"/>	Uses proper sanitary procedures in changing bedding materials
<input type="checkbox"/>		<input type="checkbox"/>	Correctly collects urine through natural means	<input type="checkbox"/>		<input type="checkbox"/>	Maintains and repairs cages, kennels and stalls as needed
<input type="checkbox"/>		<input type="checkbox"/>	Knows proper method for collecting urine samples that are adequate for culturing microorganisms	<input type="checkbox"/>		<input type="checkbox"/>	Properly uses (or describes the proper use of) common devices and equipment to restrain horses, cattle, goats and swine for treatment
<input type="checkbox"/>		<input type="checkbox"/>	Collects urine samples during the correct time of day	<input type="checkbox"/>		<input type="checkbox"/>	Recognizes common breeds and varieties of exotic animals that visit the clinic and calls them by the correct common name
<input type="checkbox"/>		<input type="checkbox"/>	Correctly uses shielded gowns, gloves, and other protective wear when taking radiographs	<input type="checkbox"/>		<input type="checkbox"/>	Safely handles and restrains exotic animals for examination and treatment
<input type="checkbox"/>		<input type="checkbox"/>	Wears a monitoring device while taking radiographs	<input type="checkbox"/>		<input type="checkbox"/>	Autoclaves veterinary instruments using moist pressure autoclave and chemical sterilization
<input type="checkbox"/>		<input type="checkbox"/>	Handles uses and stores radiographic cassettes and film properly	<input type="checkbox"/>		<input type="checkbox"/>	Follows a proscribed procedure for cleaning all stainless steel instruments
<input type="checkbox"/>		<input type="checkbox"/>	Bathes and dips patients as instructed	<input type="checkbox"/>		<input type="checkbox"/>	Follows correct procedure for ultrasonic cleaning of instruments
<input type="checkbox"/>		<input type="checkbox"/>	Avoids basic hazards and species susceptibilities to certain bath and dip products when preparing and giving dips and baths	<input type="checkbox"/>		<input type="checkbox"/>	Lubricates instruments properly during the cleaning process



Applicant has demonstrated reasonable proficiency or competency in the following work requirements:

Performed	OR	Described	Skill or Competency	Performed	OR	Described	Skill or Competency
<input type="checkbox"/>		<input type="checkbox"/>	Maintains all dental equipment in clean and usable condition for performing prophylaxis treatments	<input type="checkbox"/>		<input type="checkbox"/>	Administers hydrotherapy according to directions
<input type="checkbox"/>		<input type="checkbox"/>	Determines that all active scavengers are working properly in evacuating anesthesia gases as needed	<input type="checkbox"/>		<input type="checkbox"/>	Selects the correct syringe on demand from the veterinarian
<input type="checkbox"/>		<input type="checkbox"/>	Ensures that all sharp and cutting blades are removed and disposed of properly following surgical procedures	<input type="checkbox"/>		<input type="checkbox"/>	Correctly fills syringes with medication as directed
<input type="checkbox"/>		<input type="checkbox"/>	Describes (or demonstrates) the proper method for administration of a paste or topical drug on an equine patient	<input type="checkbox"/>		<input type="checkbox"/>	Recognizes intravenous, intramuscular, subcutaneous, and intraperitoneal applications
<input type="checkbox"/>		<input type="checkbox"/>	Describes (or demonstrates) the proper method for administration of a bolus, paste or topical drug for a bovine patient	<input type="checkbox"/>		<input type="checkbox"/>	Selects correctly the needle gauge and length requested by the veterinarian
<input type="checkbox"/>		<input type="checkbox"/>	Describes (or demonstrates) the proper method for administration of tablets, capsules, liquid and topical drugs for canine and feline patients	<input type="checkbox"/>		<input type="checkbox"/>	Properly disposes of syringes, needles and other sharp objects commonly used in the veterinary clinic
<input type="checkbox"/>		<input type="checkbox"/>	Stores animal feeds according to instructions	<input type="checkbox"/>		<input type="checkbox"/>	Properly identifies and disposes of expired substances
<input type="checkbox"/>		<input type="checkbox"/>	Measures food quantities accurately	<input type="checkbox"/>		<input type="checkbox"/>	Obtains information relative to animal being boarded and/or discharged
<input type="checkbox"/>		<input type="checkbox"/>	Reads and follows food label directions correctly	<input type="checkbox"/>		<input type="checkbox"/>	Discusses and explains the charge for boarding costs
<input type="checkbox"/>		<input type="checkbox"/>	Reads and correctly follows written instructions for animal feeding	<input type="checkbox"/>		<input type="checkbox"/>	Posts and records money collected to the appropriate records as directed
<input type="checkbox"/>		<input type="checkbox"/>	Reports animal food and water consumption rates correctly and on schedule	<input type="checkbox"/>		<input type="checkbox"/>	Interacts cheerfully with clients and handles complaints with a smile

Please contact Judy R. Lainer, CVA, VDT, for additional information at jlainer@tvma.org, or 512/452-4224



Colonial School District

Penn Farm Program

713 East Basin Road New Castle, Delaware 19720 <http://www.colonialschooldistrict.org/schools/williamspenn/>

Minimum HS Graduation Requirements		PROGRAM OF STUDY MATRIX TEMPLATE: MIDDLE - HIGH SCHOOL - POSTSECONDARY					CTE Pathway Requirements	
Grade	English	Math	Science	Social Studies	Additional Required Courses	Career & Technical Courses	Other Required or Elective Courses	
Student Success Plans outlining career goals should be utilized through the advisement process.								
Middle School								
7	ELA 7	Math 7	Science 7	Social Studies 7		Exploring Agriscience 7	Electives	
8	ELA 8	Math 8	Science 8	Social Studies 8		Exploring Agriscience 8	Electives	
Secondary								
9	ELA 9 English I	Algebra I Integrated Math 1	NGSS Aligned Physical/Integrated Science	Civics/Geography	World Language I	Intro to Agriculture OR Plant Science Level 1 Animal Science Level 1	Other recommended Elective Courses Include: Construction I,II : Culinary I,II , Biology, Chemistry, Anatomy/Phys Classes	
10	ELA 10 English II	Algebra II Integrated Math II	NGSS Aligned Biology	Economics/ Personal Finance	World Language II	Plant Science 1 / Animal Science 1 OR Plant Science 2 / Animal Science 2	Recommended: VSO Participation (FFA)	
11	ELA 11 English III	Geometry Integrated Math III	NGSS Aligned Chemistry Ecology & Science III	US History	Physical Education (≥1 Credit)	Plant Science 2 / Animal Science 2 OR Plant Science 3 / Animal Science 3		
12	ELA 12 English IV	Pre-Calculus or Statistics Or other Math Course	NGSS Aligned Earth/Physical Science Anatomy/Physiology	World History	Health Education (≥ 0.5 Credit)	Penn Farm Practicum Experience		
Postsecondary		<p>13 Introductory Level Agriculture Courses including by not limited to: Agribusiness Management, Animal Science/Pre Vet, Horticultural Studies</p> <p>14 Other courses could include: English, Chemistry, Organic Chemistry, Math, Biology, Micro Biology, Physiology and Anatomy, Animal Pathology, Nutrition, Reproductive Anatomy, Agronomy, Pest Management, Agribusiness Management, Turf Management, Crop Production, Entomology</p> <p>15 Continue courses in the area of specialization.</p>						Other related majors include: Zoology, Animal Behavior, Production Livestock, Agribusiness and Marketing,

Appendix Item 3



16	Agriculture Education, Horticulture, Agribusiness Management, Nursery Studies, Turf Management, Production Agriculture, Agriculture Law
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Additional Learning Opportunities

Early Career Opportunities:	Early College Opportunities:	Industry Recognized Certifications/Licenses:	Student Organization:
<input type="checkbox"/> Cooperative Education <input checked="" type="checkbox"/> Internship -Students have the opportunity to work on Penn Farm June-August <input checked="" type="checkbox"/> Other: <u>Other Early Career Opportunities</u> -Students will have the opportunity to participate in an organized Supervised Agriculture Experience project. Students will earn a certificate of completion upon successful completion of the SAE Project.	<input type="checkbox"/> Dual Enrollment <input type="checkbox"/> Advanced Placement <input checked="" type="checkbox"/> Articulated Credit <u>DSU, and UD: PLSC, In Progress for ANSC</u> <input type="checkbox"/> Pre-Apprenticeship <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Certification/License - GHP/GAP training for safe food product handling and processing - Quality Assurance training - FAMACHA - Tractor Safety (Penn State Cooperative Extension)	<input checked="" type="checkbox"/> FFA

Sample Careers By Educational Level

Employment Opportunities (Upon Completion of HS Pathway)	Technical Training or Associate Degree	Bachelor's Degree	Master's Degree or Above
Animal Care Specialist	Veterinary Technician	Vocational Agriscience Teacher	College/University Professor
Groomer	Dog Trainer	4-H Agent	Veterinary Dentist
Pet Store Customer Service Asst.	Dog Groomer	Animal Welfare Specialist	Extension Specialist
Wildlife Rehabilitator	Nursery Manager	Animal Care Specialist	Food Inspector
Farm/Ranch Hand	Florist	Animal Sales	Industry Manager/Director
Farm Hand/Harvester	Farm Hand	Artificial Insemination Technician	Laboratory Manager



Animal Rescue Volunteer/Employee	Apiarist Assistant	Breed Analyst	Nutrition Consultant
Nursery Worker	Farm Equipment Mechanic	Breed Association Sales/Promotion	Product Development Scientist
Farm Hand	Floral Designer	Companion Animal Breeder	Product Regulatory Affairs
Landscape Maintenance	Turf Manager	Companion Animal Nutrition Specialist	Production Manager
Apiarist Assistant	Golf Course Horticulturist	Companion Animal Store Manager	Program Analyst
Greenhouse Manager	Landscaping Supervisor	Dairy Unit Herdsman/Manager	Research Scientist
Farm Equipment Sales	Fertilizer Applicator	Embryo Transfer Technician	Sales Manager
Farm Equipment Service Manager	Pesticide Handler	Equitation Instructor	Teacher
Floral Delivery Service	Herbicide Technician	Extension Educator	USDA Scientist
Agriculture Logistics Specialist	Greenhouse Manager	Horse Farm Trainer/Manager	Veterinarian
Floriculture Sales	Winery Technician	Horse Breeder and Trainer	Vocational Agriscience Teacher
Groundskeeper	Landscape Installer	Journalist	Research Specialist Horticulture
Turf Crew Chief	Hardscaping Technician	Laboratory Animal Technician/Manager	Biologist
Nursery Worker		Livestock Herdsman/Manager	Landscape Designer
Gardener		Manager Boarding/Training Facility	Entomologist
Landscape Maintenance Worker		Marketing Specialist Meat Packing/Processing Specialist	Plant Pathologist
Flower/Fruit Grader		Meat/Milk/Feed Testing Service	Plant Breeder
Parks and Recreation Worker		Pharmaceutical Sales/Service	Food Scientist
Botanical Gardens Guide		Poultry Unit Manager	Agriculture Inspector
Botanical Gardens Grounds Crew			Viticulturist
Retail Sales Associate			

		<ul style="list-style-type: none"> Research Farm Manager Technical Services Representative USDA Meat Inspection/Grading Services Veterinary Technician Zoo Animal Specialist Plant Research Scientist Lab Coordinator Farm hand Conservation Officer Plant Biologist Outreach Education Specialist Horticulturalist Farm Manager Apiarist USDA Customs Inspector Floriculture Buyer Nursery Owner Park Ranger U.S Customs 	<ul style="list-style-type: none"> Fertilizer Researcher/Developer Plant Geneticist Ecologist Agronomist
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		<p>GPS Systems Expert</p> <p>Pesticide/Herbicide Researcher</p> <p>Agriculture Marketing and Sales</p> <p>Agriculture Publications:</p> <p>Writer, Photographer, Reporter</p> <p>Airport Quarantine Monitor</p> <p>Invasive Species Expert</p>	
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*May require higher education depending on job responsibilities.

Feeder Middle School(s):

George Read Middle School, Calvin R. McCullough, Gunning Bedford

Colleges/Universities and Articulated Credit Agreements:

The Colonial School District is currently negotiating articulation agreements with Tech Prep Delaware that would apply programs already in place with Delaware State University (DSU), and the University of Delaware (UD) these are already in place with Delaware Department of Education in regards to Animal Science specifically. Tech Prep articulation already exists for Plant Science Programs at William Penn High School.

LEA Additional Graduation Requirements:

