

## Introduction to Veterinary Assistant Technology– Grade Levels 11-12 TEKS Manager

Credit: ½

Place a check (√) in each column to show TEKS taught.

	TEKS	1 <sup>st</sup> 6 wks	2 <sup>nd</sup> 6 wks	3 <sup>rd</sup> 6 wks
1. Explore the Professions of Veterinary Medicine and Veterinary Assistant	(A) <b>define</b> veterinary medicine			
	(B) <b>describe</b> the different career opportunities in veterinary medicine			
	(C) <b>discuss</b> the role of veterinary medicine in animal health			
	(D) <b>research</b> interests, knowledge, abilities and skills needed in veterinary medicine			
	(E) <b>describe</b> the job requirement of a veterinary assistant			
	(F) <b>describe</b> different career opportunities open to the veterinary assistant			
	(G) <b>discuss</b> the role of the veterinary assistant in the veterinary practice			
	(H) <b>describe</b> the scholastic requirements for achieving certification as a veterinary assistant			
	(I) <b>examine</b> non-traditional career options			
	(J) <b>research</b> options for self-employment			
2. Evaluate the Role that Animals Play in Our Society	(A) <b>discuss</b> the role of animals in early American society			
	(B) <b>discuss</b> the role of animals in today's society			
	(C) <b>discuss</b> the factors that caused the change in people's relationships with animals from early America to today			
	(D) <b>discuss</b> the history of animal rights and animal welfare legislation			
	(E) <b>discuss</b> the range of viewpoints regarding animal rights and welfare			
3. Evaluate Current Ethical and Legal Issues in Veterinary Medicine	(A) <b>identify</b> current ethical and legal issues			
	(B) <b>describe</b> the difference between an ethical issue and legal issue			
	(C) <b>describe</b> the history of current issues			
	(D) <b>discuss</b> the laws governing veterinary practice			
	(E) <b>discuss</b> the effects these laws have on management and operations in the practice			
	(F) <b>describe</b> how these laws have affected veterinary medicine			
4. Explore General veterinary Assistance Procedures	(A) <b>discuss</b> the importance of veterinary facility cleanliness and orderliness			
	(B) <b>discuss</b> health hazards in the veterinary practice			
	(C) <b>examine</b> the human-animal bond			
	(D) <b>discuss</b> the importance of patient care			
	(E) <b>describe</b> techniques for caring for various types of animals			
	(F) <b>describe</b> basic necessities required for patient care			
5. Perform Proper Office and Hospital Procedures	(A) <b>demonstrate</b> proper communication skills with clients using various means			
	(B) <b>demonstrate</b> professional ethics and discuss the importance of personal appearance			
	(C) <b>prepare</b> appropriate certificates for signature			
	(D) <b>admit</b> and discharge patients			

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	(E) <b>perform</b> basic filing and retrieving of medical records			
	(F) <b>discuss</b> techniques for diffusing tense situations with clients			
	(G) <b>discuss</b> techniques for dealing with difficult clients			
	(H) <b>discuss</b> the importance of a positive demeanor			
	(I) <b>describe</b> how expressions and mannerisms affect client communication			
	(J) <b>demonstrate</b> elementary computer skills			
	(K) <b>utilize</b> basic medical terminology			
6. Safety on the Job	(A) <b>list</b> the five general job dangers			
	(B) <b>identify and discuss</b> physical hazards			
	(C) <b>identify and discuss</b> chemical hazards			
	(D) <b>identify and discuss</b> biological hazards			
	(E) <b>identify and discuss</b> zoonotic infections			
	(F) <b>identify and discuss</b> parasitic hazards			
	(G) <b>practice</b> safely handling sharps containers according to OSHA regulations			
	(H) <b>define</b> OSHA and its role in job safety			
	(I) <b>list</b> specific safety practices that must be followed in veterinary medicine			
	(J) <b>discuss</b> the importance of safety in veterinary practice			
7. Explore Pharmacy and Pharmacology	(A) <b>recognize</b> legal issues involving drugs in the workplace			
	(B) <b>recognize</b> general types and groups of drugs and demonstrate proper terminology			
	(C) <b>differentiate</b> prescription drugs from over-the-counter drugs and describe proper prescription label requirements			
	(D) <b>demonstrate</b> abilities to fill medications			
	(E) <b>perform</b> proper inventory control			
	(F) <b>reconstitute</b> vaccines and know proper protocols			
	(G) <b>describe</b> appropriate routes and methods of drug and vaccine administration that the veterinarian or veterinary technician may choose			
8. Normal Animal Care and Vital Signs	(A) <b>define</b> anatomy			
	(B) <b>identify and describe</b> various systems of animals			
	(C) <b>demonstrate</b> awareness of animal behavioral signs			
	(D) <b>discuss</b> two methods of measuring body temperature			
	(E) <b>discuss</b> the importance of determining an animal's body temperature			
	(F) <b>describe</b> the methods for measuring pulse rates in animals			
	(G) <b>discuss</b> the importance of determining an animal's pulse rate			
	(H) <b>describe</b> how to determine an animal's respiration rate			
	(I) <b>discuss</b> the importance of respiration rates			
9. Proper Examination and Surgery Room Procedures	(A) <b>discuss</b> the importance of patient care			
	(B) <b>describe</b> techniques for caring for various types of animals			
	(C) <b>demonstrate</b> proper techniques used to cage animals			
	(D) <b>place and restrain</b> small animals on tables			
	(E) <b>apply</b> safety muzzles and Elizabethan collars			

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	(F) <b>demonstrate</b> proper use of restraint poles			
	(G) <b>discuss</b> importance of sanitation to the welfare and recovery of patients			
10. Handling and Restraining Animals	(A) <b>discuss</b> safety purposes of proper restraint to prevent harm to the patient and handler			
	(B) <b>discuss</b> the importance of proper restraint during veterinary treatments			
	(C) <b>demonstrate</b> proper restraint methods for a variety of different animals species			
	(D) <b>discuss</b> ethical means of restraint			
11. Laboratory Aids and Examinations	(A) <b>discuss</b> the use of fecal exams in diagnosis and the techniques of feces collection and examination			
	(B) <b>determine</b> means of using blood samples in the diagnosis of certain disease, methods of blood collection and various blood tests			
	(C) <b>determine</b> methods for collecting and examining urine samples			
	(D) <b>examine</b> four diagnostic methods of bacteriologic procedures: direct microscopic examination, culture, serologic tests, and animal inoculation			
	(E) <b>study</b> process and safety precautions used in making radiographs			
	(F) <b>discuss and identify</b> the processing equipment, processing procedures, and safety precautions used in developing radiographs			
	(G) <b>determine</b> the preparatory techniques procedures, and uses of post-mortem examinations			
	(H) <b>identify and describe</b> the use of various special equipment in the examination of body systems			
12. Human and Animal Health	(A) <b>identify</b> infectious and non-infectious causes of disease			
	(B) <b>discuss</b> how diseases and parasites are spread between animals			
	(C) <b>discuss</b> the field of genetics and its role in animal disease			
	(D) <b>discuss</b> history of disease prevention and current research			
	(E) <b>discuss</b> zoonoses, diseases shared by humans and animals			
	(F) <b>examine</b> the effects of animal disease on human food supplies			
	(G) <b>discuss</b> the types of economic losses that occur as a result of animal diseases, dysfunctions, disorders, and intoxications			
	(H) <b>explore</b> the role animals play in assisting handicapped persons, elderly persons, and the general population			
13. Non-Infectious and Infectious Diseases and Their Effects on Animals	(A) <b>identify</b> bacterial diseases of the skin, eye, ear, and systems of the animals body			
	(B) <b>discuss</b> viral diseases of various systems and other common virus-induced conditions			
	(C) <b>examine</b> the effects fungal diseases have on animals			
	(D) <b>identify</b> various parasitic diseases and their effects on animals			
	(E) <b>discuss</b> the effect of rickettsial diseases			
	(F) <b>determine</b> effects of nutritional diseases on animals			

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	(G) <b>explore</b> reproductive problems in animals			
	(H) <b>identify</b> various toxic substances			
	(I) <b>identify</b> other non-ferocious diseases			
14. Principles and Methods of Disease Control	(A) <b>discuss</b> methods of disease control			
	(B) <b>identify</b> methods of animals therapy in disease control			
	(C) <b>discuss</b> procedures of internal and external parasite control			
	(D) <b>discuss</b> procedures for immunizations practices			
	(E) <b>discuss</b> proper use of disinfectants			
	(F) <b>identify</b> means of dietary management to control and prevent diseases			
	(G) <b>identify</b> quarantine procedures used in prevention of the spread of animal diseases			
15. Common Surgical Skills	(A) <b>identify</b> procedures and practices of surgery			
	(B) <b>study</b> the principles and procedures of anesthesia			
	(C) <b>study</b> procedures in preparing hands and disinfection the field of operation			
	(D) <b>discuss</b> proper sterilization of gloves and gowns			

NOTE: THE ABOVE IS A LIST OF SEVERAL TOPIC AREAS. FOR A .5 SEMESTER COURSE THESE WILL NEED TO BE EDITED. SOME OF THE AREAS WILL NEED TO BE TAKEN OUT WHILE OTHERS MAY NEED TO BE ADDED.

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