Florida CTE

Agriculture, Food and Natural Resources: Veterinary Assisting 1 (2021): Grades 9-12

Describe veterinary science and the role of animals in society. The student will be able to: 1.0	**1** Define veterinary science. 1.1
	2 Identify key components in the domestication of animals. 1.2
	3 Choose current issues facing the animal industry today and describe the effect of each on society. 1.3
Describe the socioeconomic role of veterinary sciences on the companion animal and livestock industries. The student will be able to: 2.0	**1** Summarize the history of the veterinary science, companion animal and livestock industry. 2.1
	2 Discuss the role of companion animals on the veterinary science industry. 2.2
	3 Discuss the role of livestock animals on the veterinary science industry. 2.3
Discuss the human-animal bond and its effects on human health. The student will be able to: 3.0	**1** Describe the human-animal bond and its influence on veterinary care. 3.1
	2 Compare and contrast different types of human-animal bonds for companion animals, working animals and livestock. 3.2
	3 Discuss the positive health effects on people resulting from their interaction with animals. 3.3
	4 Discuss programs that use human-animal interaction as a therapy tool. 3.4
	5 Describe the characteristics of animals used in the animal-facilitated therapy programs. 3.5
	6 Describe national and local programs that use animal-facilitated therapy. 3.6
	7 Discuss stages of grief of animal loss. 3.7
Demonstrate the proper us ter	**1** Define common veterinary and medical terms, including directional erminology. 4.1

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student will be able to: 4.0	**2** Compile a list of prefixes, suffixes, and root words for veterinary medical terminology. 4.2
	3 Categorize gender and species-related terminology. 4.3
	4 List common medical and veterinary abbreviations 4.4
Identify careers in the animal industry. The student will be able to: 5.0	**1** Differentiate between entry and advanced level animal-industry careers. 5.1
	2 Identify professional organizations and trade journals in the animal industry. 5.2
	3 Investigate career opportunities in the veterinary science, companion animal, and large animal industry; also identify degree or credential needed to prepare for those careers. 5.3
	4 Using national or state credentialing agencies as a reference, distinguish between a Veterinary Assistant, Credentialed Veterinary Assistant, Veterinary Technician, Credentialed Veterinary Technician, and Veterinary Technologist. 5.4
	5 Investigate requirements necessary to earn and maintain Veterinary Assisting Certification. 5.5
Practice safety. The student will be able to: 6.0	**1** Recognize and avoid potential safety hazards (physical, chemical, biological and zoonotic). 6.1
	2 Utilize proper safety precautions and procedures when working in the hospital and/or animal handling areas. 6.2
	3 Demonstrate knowledge on how to use personal protective equipment- PPE (wears gloves, goggles, face mask, ear plugs, apron, gown, cap, and shoe covers when needed) 6.3
	4 Locate and demonstrates use of an eye wash solution or station 6.4
	5 Locate first aid kit and fire extinguisher 6.5
	6 Explain OSHA (Occupational Safety and Health Act) and its regulations pertaining to a veterinary practice, including sanitation, safety of employees and the employee's right to know of potential work place hazards through SDS (Safety Data Sheets) and the written hazard communication plan 6.6
	7 Demonstrate knowledge of OSHA regulations regarding the handling, placement and disposition of sharps and bio-hazardous material 6.7
	8 Handle and uses disposable "sharps" containers in a safe manner 6.8
	9 Explain correct labeling of secondary containers with appropriate safety information 6.9

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	10 **Practice safety precautions around animals, list the most common causes of animal related accidents.** 6.10
Recognize normal and abnormal animal behaviors. The student will be able to: 7.0	1 **Identify instinctive and learned behaviors.** 7.1
	2 **Differentiate between normal and abnormal behavioral characteristics of animals.** 7.2
	3 **Recognize signs of aggressive animal behaviors.** 7.3
	4 **Describe behavioral changes due to aging.** 7.4
Restrain and control companion and livestock animals. The student will be able to: 8.0	1 **Discuss the proper method for placing large animals in a stall, paddock, and trailer.** 8.1
	2 **Safely handle and restrain dogs, cats, and other animals for exams, procedures, and treatment to prevent undue stress or harm to either animals or humans.** 8.2 a Lifting positioning and restraining animals 8.2.A b Position an animal in sternal dorsal and lateral recumbency 8.2.B c restraint of a small dog on an exam table 8.2.C d restraint of a cat on an exam table 8.2.D e restraint of a large dog on and exam table, lift table, and on the floor 8.2.E f place a lead on a dog slip lead and standard leash 8.2.F
	3 **Demonstrate verbal and physical restraint of animals.** 8.3
	4 **Demonstrate how to match appropriate level of restraint for an individual animal's level of resistance and situation.** 8.4
	5 **Explain appropriate methods for placing and removing animals from kennels** 8.5
	6 **Identify venipuncture sites and accepted restraint for companion and livestock animals; [ex. cephalic vein (cat & dog), jugular vein (cat & dog), femoral vein (cat), saphenous vein (dog)jugular (horse & goat), tail (cow & pig)]** 8.6
	7 **Demonstrate use of muzzle on a dog using commercial, leash, and gauze muzzles of appropriate size.** 8.7
	8 **Demonstrate currently accepted standards for restraint of the cat including towels, scruff technique, commercial muzzles, cat bags, leather gloves, and the squeeze cage** 8.8
	9 **Explain methods of restraint for exotic and avian animals.** 8.9
	Identify the appropriate restraining methods for the following: 8.10 a Halter, tie and lead horses and cattle 8.10.A

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b Application of twitch, nose tongs 8.10.B

c Restrain sheep, goats and swine 8.10.C

d Restrain poultry 8.10.D

Discuss chemical restraints of animals. 9.0

1 **Identify common breeds of companion animals and husbandry practices. The student will be able to:** 9.1

2 **Identify canine breeds and list breed characteristics and husbandry practices.** 9.2

Identify feline breeds and list breed characteristics and husbandry practices. 10.0

1 **Demonstrate human-relations, communications and leadership through FFA activities. The student will be able to:** 10.1

2 **Identify the opportunities for leadership development available through the National FFA Organization and/or professional organizations.** 10.2

3 **Delineate the major events in the history of the FFA.** 10.3

4 **Develop, implement, and maintain work-based learning through a Supervised Agricultural Experience (SAE) program.** 10.4

5 **Collect, interpret, and analyze data using an organized record-keeping system** 10.5