Florida CTE

Agriculture, Food and Natural Resources: Veterinary Assisting 2 (2021): Grades 9-12

Demonstrate basic first aid for companion and livestock animals. The student will be able to: 1.0	**1** Recognize emergency health (physical and behavioral) status. 1.1
	2 Describe procedures to restrain and move injured animals. 1.2
	3 Demonstrate hemorrhage control. 1.3
	4 Dress wounds and punctures. 1.4
	5 Demonstrate the correct emergency procedures for shock, burns, heatstroke, and fractures. 1.5
	6 Demonstrate companion animal CPR. 1.6
	7 Recognize allergic reactions and toxicity 1.7
Demonstrate the use of tools, equipment, and instruments in the veterinary science and companion animal industry. The student will be able to: 2.0	**1** Identify, demonstrate and maintain the proper tools, equipment, and instruments for common veterinary procedures. 2.1
	2 Demonstrate the ability to use an equipment or instrument manual. 2.2
Demonstrate proper techniques in taking vital signs. The student will be able to: 3.0	**1** Obtain and record the TPR (temperature, pulse, and respiratory rate), MM (mucus membrane color), CRT(capillary refill time) with minimal discomfort to pet. 3.1
	2 Demonstrate how to use, clean, and store thermometers. 3.2
	3 Identify normal and abnormal range for each parameter (TPR, MM, and CRT). 3.3
Investigate the common breeds and husbandry practices for several sp stu to: ..	**1** Identify bovine breeds and their characteristics, and husbandry practices. 4.1
	2 Identify ovine breeds and their characteristics and husbandry practices. 4.2
	dentify caprine breeds and their characteristics and husbandry practices. 4.3

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4 **Identify porcine breeds and their characteristics and husbandry practices.** 4.4

5 **Identify equine breeds and their characteristics and husbandry practices.** 4.5

6 **Identify poultry breeds and their characteristics and husbandry practices.** 4.6

Identify parts and functions of various systems of common companion and livestock animals. The student will be able to: 5.0

1 **Identify internal and external anatomy of common companion and livestock animals.** 5.1

2 **Identify parts and functions of the following systems of animals using correct terminology:** 5.2

1 Identify the general function of the respiratory system and the major organs. 5.2.1

2 Identify the general function of the skeletal system and the major bones of the axial and appendicular skeleton. 5.2.2

3 Identify the general function of the muscular system and major groups of muscles. 5.2.3

4 Identify the general function of the digestive system and the major organs. 5.2.4

5 Identify the general function of the cardiovascular system and the major organs. 5.2.5

6 Identify the general function of the respiratory system and the major organs. 5.2.6

7 Identify the general function of the endocrine and the major organs. 5.2.7

8 Identify the general function of the urinary system and the major organs. 5.2.8

9 Identify the general function of the reproductive system and both male and female organs. 5.2.9

10 Identify the general function of the nervous system and the major organs. 5.2.10

11 Identify the general function of the integumentary system and the major organs. 5.2.11

12 Explain the differences in the teeth and eating habits for omnivores, carnivores and herbivores. 5.2.12

Explain the various methods of animal identification. The student will be able to: 6.0

1 **Explain types of identification tags and their use.** 6.1

2 **Explain the use of microchips for animal identification.** 6.2

3 **Explain types of tattoos for animals and the use in both companion and production animals.** 6.3

4 **Explain the types of ear tags and their use in production animals.** 6.4

5 **Explain types of ear notching and use for identification.** 6.5