



**Florida Department of Education Student Performance
STANDARDS ALIGNMENT & SUGGESTED PACING GUIDE**

Veterinary Assisting 1



iCEV Agricultural Science Site

Scope & Sequence	Lesson Title	CTE Standards and Benchmarks	Days of Teaching
1	Veterinary Medical Terms & Terminology	01.01; 04.01; 04.02; 04.03; 04.04	12
2	Animals & Society	01.02; 01.03; 02.01; 02.02; 02.02	9
3	The World of Agriculture	01.03; 05.01; 05.02; 05.03; 05.04	12
4	Veterinary Laws & Ethics	01.03; 06.07; 06.08; 06.09	6
5	Veterinary Medical Practices: Veterinary Business Management	03.01; 03.02; 03.03; 03.04; 03.05; 03.06; 03.07; 05.01; 05.02; 05.03; 05.04; 05.05; 06.01; 06.02; 06.03; 06.04; 06.05; 06.08	10
6	Exploring Careers: Agriculture, Food & Natural Resources	05.01; 05.03	12
7	Citizenship Basics	05.02	9
8	Veterinary Medical Practices: Animal Handling & Identification	06.02; 06.10; 08.02; 08.04; 08.10	5
9	Veterinary Medical Practices: Hospital Procedures	06.02; 06.03	7
10	Veterinary Medical Practices: Restraint & Control	06.10; 08.01; 08.02; 08.03; 08.04; 08.05; 08.06; 08.07; 08.08; 08.09; 08.10; 08.11	6
11	Animal Behavior	07.01; 07.02; 07.03; 07.04	9
12	Veterinary Medical Practices: Injections	08.06	4
13	Breeds of Companion Animals: Dogs	09.01	6
14	Basic Companion Animal Care	09.01; 09.02	5
15	Breeds of Companion Animals: Cats	09.02	4
16	Blue & Gold Basics: FFA Officers & Meetings	10.01	8
17	Blue & Gold Basics: Career Development Events	10.01	2
18	Blue & Gold Basics: What is FFA?	10.02	6
19	Blue & Gold Basics: SAE Programs	10.03	5
20	Introduction to Record Keeping	10.04	3

Florida Department of Education Student Performance Standards
Veterinary Assisting 1

Course Number	8918010
Course Credit	1
Course Description	This course is to introduce the student to the history, goals, and career opportunities in the Criminal Justice Profession. It also covers ethics and professionalism, constitutional and criminal laws, court and trial process, juvenile justice system, and the correctional system. Students will also be instructed on personal, interpersonal, and communication skills as well as demonstrate employability skills.

CTE Standards and Benchmarks		Lesson Title	Location
01.0 Describe veterinary science and the role of animals in society – the students will be able to:			
01.01	Define veterinary science.	Veterinary Medical Terms & Terminology	Slide 102
01.02	Identify key components in the domestication of animals.	Animals & Society	Slides 4 - 14; Project - Domestication Timeline; Project - Historical Impacts
01.03	Choose current issues facing the animal industry today and describe the effect of each on society.	The World of Agriculture	Slides 59 - 65; Project - Agricultural Solutions
		Animals & Society	Slides 16 - 29
		Veterinary Laws & Ethics	Slides 5 - 15
02.0 Describe the socioeconomic role of veterinary sciences on the companion animal and livestock industries – the students will be able to:			
02.01	Summarize the history of the veterinary science, companion animal and livestock industry.	Animals & Society	Slides 6 - 9
02.02	Discuss the role of companion animals on the veterinary science industry.	Animals & Society	Slide 14 - Fun Fact
02.03	Discuss the role of livestock animals on the veterinary science industry.	Animals & Society	Slide 12 - Fun Fact
03.0 Discuss the human-animal bond and its effects on human health – the students will be able to:			
03.01	<i>Describe the human-animal bond and its influence on veterinary care.</i>	Veterinary Medical Practices: Veterinary Business Management	Segment 4. Communication & Client Interactions; Project - My Pet; Student Handout - Human-Animal Bond
03.02	<i>Compare and contrast different types of human-animal bonds for companion animals, working animals and livestock.</i>	Veterinary Medical Practices: Veterinary Business Management	Student Handout - Human-Animal Bond
03.03	Discuss the positive health effects on people resulting from their interaction with animals.	Veterinary Medical Practices: Veterinary Business Management	Student Handout - Human-Animal Bond
03.04	Discuss programs that use human-animal interaction as a therapy tool.	Veterinary Medical Practices: Veterinary Business Management	Student Handout - Human-Animal Bond
03.05	Describe the characteristics of animals used in the animal-facilitated therapy programs.	Veterinary Medical Practices: Veterinary Business Management	Student Handout - Human-Animal Bond
03.06	Describe national and local programs that use animal-facilitated therapy.	Veterinary Medical Practices: Veterinary Business Management	Student Handout - Human-Animal Bond
03.07	Discuss stages of grief of animal loss.	Veterinary Medical Practices: Veterinary Business Management	Student Handout - Human-Animal Bond

CTE Standards and Benchmarks		Lesson Title	Location
04.0 Demonstrate the proper use of veterinary science terminology – the students will be able to:			
04.01	Define common veterinary and medical terms, including directional terminology.	Veterinary Medical Terms & Terminology	Entire lesson; Activity - Medical Terms; Activity - Medical Terms Answer Key; Activity - Anatomical Labeling; Activity - Anatomical Labeling Answer Key
04.02	<i>Compile a list of prefixes, suffixes, and root words for veterinary medical terminology.</i>	Veterinary Medical Terms & Terminology	Slides 5 - 26; Activity - Structure the Words; Activity - Structure the Words Answer Key
04.03	Categorize gender and species-related terminology.	Veterinary Medical Terms & Terminology	Slides 104 - 111
04.04	<i>List common medical and veterinary abbreviations</i>	Veterinary Medical Terms & Terminology	Slides 142 - 149; Activity - Veterinary Abbreviations
05.0 Identify careers in the animal industry – the students will be able to:			
05.01	Differentiate between entry and advanced level animal-industry careers.	The World of Agriculture	Activity - Career Opportunities; Activity - Career Opportunities Teacher Instruction Sheet
		Exploring Careers: Agriculture, Food & Natural Resources	Entire lesson; Project - Career Exploration Journal Career Plan
		Veterinary Medical Practices: Veterinary Business Management	Segment 1. Team Members; Activity - Career Connections
05.02	Identify professional organizations and trade journals in the animal industry.	Veterinary Medical Practices: Veterinary Business Management	Segment 2. Education & Licensure Requirements; Activity - AVMA
		The World of Agriculture	Slides 130 - 131
		Citizenship Basics	Slides 40 - 42; Project - Professional Development
05.03	Investigate career opportunities in the veterinary science, companion animal, and large animal industry; also identify degree or credential needed to prepare for those careers.	Veterinary Medical Practices: Veterinary Business Management	Segment 2. Education & Licensure Requirements; Segment 6. Career Opportunities
		Exploring Careers: Agriculture, Food & Natural Resources	Segment 3. Animal Systems Pathway; Project - Career Exploration Journal Career Plan
		The World of Agriculture	Activity - Career Opportunities; Activity - Career Opportunities Teacher Instruction Sheet
05.04	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.	Veterinary Medical Practices: Veterinary Business Management	Segment 2. Education & Licensure Requirements
		The World of Agriculture	Activity - Career Opportunities; Activity - Career Opportunities Teacher Instruction Sheet

CTE Standards and Benchmarks		Lesson Title	Location
05.05	Investigate requirements necessary to earn and maintain Veterinary Assisting Certification.	Veterinary Medical Practices: Veterinary Business Management	Segment 2. Education & Licensure Requirements; Student Handout - Veterinary Assisting Certification Requirements
06.0 Practice safety – the students will be able to:			
06.01	<i>Recognize and avoid potential safety hazards (physical, chemical, biological and zoonotic).</i>	Veterinary Medical Practices: Veterinary Business Management	Segment 5. Workplace Safety; Project - Health & Safety Handbook
06.02	<i>Utilize proper safety precautions and procedures when working in the hospital and/or animal handling areas.</i>	Veterinary Medical Practices: Veterinary Business Management	Segment 5. Workplace Safety; Project - Health & Safety Handbook
		Veterinary Medical Practices: Animal Handling & Identification	Segment 1. Introduction to Animal Handling; Segment 2. Small Animal Handling; Segment 3. Large Animal Handling; Activity - Animal Handling; Project - Clinic & Field Setting
		Veterinary Medical Practices: Hospital Procedures	Segment 1. Clinical Protocol; Student Handout - Proper Hand Washing Techniques; Activity - Cleaning Methods; Student Handout - Zoonotic Disease Transmission
06.03	<i>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)</i>	Veterinary Medical Practices: Hospital Procedures	Segment 1. Clinical Protocol
		Veterinary Medical Practices: Veterinary Business Management	Student Handout - Personal Protective Equipment & Safety
06.04	<i>Locate and demonstrates use of an eye wash solution or station</i>	Veterinary Medical Practices: Veterinary Business Management	Student Handout - Personal Protective Equipment & Safety
06.05	<i>Locate first aid kit and fire extinguisher</i>	Veterinary Medical Practices: Veterinary Business Management	Student Handout - Personal Protective Equipment & Safety
06.06	<i>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</i>	Veterinary Laws & Ethics	Slide 25; Student Handout - OSHA
06.07	<i>Demonstrate knowledge of OSHA regulations regarding the handling, placement and disposition of sharps and bio-hazardous material</i>	Veterinary Laws & Ethics	Slide 25; Student Handout - OSHA
06.08	<i>Handle and uses disposable "sharps" containers in a safe manner</i>	Veterinary Medical Practices: Veterinary Business Management	Segment 5. Workplace Safety; Project - Health & Safety Handbook
		Veterinary Laws & Ethics	Slide 25; Student Handout - OSHA
06.09	<i>Explain correct labeling of secondary containers with appropriate safety information</i>	Veterinary Laws & Ethics	Slide 25; Student Handout - OSHA

CTE Standards and Benchmarks		Lesson Title	Location
06.10	Practice safety precautions around animals, list the most common causes of animal related accidents.	Veterinary Medical Practices: Animal Handling & Identification	Segment 1. Introduction to Animal Handling; Segment 2. Small Animal Handling; Segment 3. Large Animal Handling; Student Handout - Safety Precautions
		Veterinary Medical Practices: Restraint & Control	Entire lesson
07.0 Recognize normal and abnormal animal behaviors – the students will be able to:			
07.01	Identify instinctive and learned behaviors.	Animal Behavior	Slides 17, 47 - 53; Activity - Instinctive vs. Learned Behavior; Activity - Instinctive vs. Learned Behavior Answer Key
07.02	Differentiate between normal and abnormal behavioral characteristics of animals.	Animal Behavior	Slides 5 - 9
07.03	Recognize signs of aggressive animal behaviors.	Animal Behavior	Slides 10 -11
07.04	Describe behavioral changes due to aging.	Animal Behavior	Slides 12 and 19
08.0 Restrain and control companion and livestock animals – the students will be able to:			
08.01	<i>Discuss the proper method for placing large animals in a stall, paddock, and trailer.</i>	Veterinary Medical Practices: Restraint & Control	Entire lesson
08.02	<i>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.</i> <ul style="list-style-type: none"> <i>Lifting positioning and restraining animals</i> <i>Position an animal in sternal dorsal and lateral recumbency</i> <i>restraint of a small dog on an exam table</i> <i>restraint of a cat on an exam table</i> <i>restraint of a large dog on and exam table, lift table, and on the floor</i> <i>place a lead on a dog slip lead and standard leash</i> 	Veterinary Medical Practices: Restraint & Control	Entire lesson
		Veterinary Medical Practices: Animal Handling & Identification	Segment 2. Small Animal Handling
08.03	<i>Demonstrate verbal and physical restraint of animals.</i>	Veterinary Medical Practices: Restraint & Control	Entire lesson
08.04	<i>Demonstrate how to match appropriate level of restraint for an individual animal's level of resistance and situation.</i>	Veterinary Medical Practices: Restraint & Control	Entire lesson
		Veterinary Medical Practices: Animal Handling & Identification	Segment 1. Introduction to Animal Handling
08.05	<i>Explain appropriate methods for placing and removing animals from kennels</i>	Veterinary Medical Practices: Restraint & Control	Entire lesson
08.06	<i>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)]</i>	Veterinary Medical Practices: Injections	Entire lesson; Activity - Administering Injections; Project - Injection Site Management
		Veterinary Medical Practices: Restraint & Control	Entire lesson
08.07	<i>Demonstrate use of muzzle on a dog using commercial, leash, and gauze muzzles of appropriate size.</i>	Veterinary Medical Practices: Restraint & Control	Entire lesson

CTE Standards and Benchmarks		Lesson Title	Location
08.08	<i>Demonstrate currently accepted standards for restraint of the cat including towels, scruff technique, commercial muzzles, cat bags, leather gloves, and the squeeze cage</i>	Veterinary Medical Practices: Restraint & Control	Entire lesson
08.09	<i>Explain methods of restraint for exotic and avian animals.</i>	Veterinary Medical Practices: Restraint & Control	Entire lesson

CTE Standards and Benchmarks		Lesson Title	Location
08.10	Identify the appropriate restraining methods for the following: <ul style="list-style-type: none">• Halter, tie and lead horses and cattle• Application of twitch, nose tongs• Restrain sheep, goats and swine• Restrain poultry	Veterinary Medical Practices: Restraint & Control	Entire lesson
		Veterinary Medical Practices: Animal Handling & Identification	Segment 2. Large Animal Handling
08.11	Discuss chemical restraints of animals.	Veterinary Medical Practices: Restraint & Control	Entire lesson
09.0 Identify common breeds of companion animals and husbandry practices. – the students will be able to:			
09.01	Identify canine breeds and list breed characteristics and husbandry practices.	Breeds of Companion Animals: Dogs	Entire lesson; Project - Breed Chart
		Basic Companion Animal Care	Entire lesson; Project - Pet Owner's Manual
09.02	Identify feline breeds and list breed characteristics and husbandry practices.	Breeds of Companion Animals: Cats	Entire lesson; Project - Breed Chart
		Basic Companion Animal Care	Entire lesson; Project - Pet Owner's Manual
10.0 Demonstrate human-relations, communications and leadership through FFA activities – the student will be able to:			
10.01	Identify the opportunities for leadership development available through the National FFA Organization and/or professional organizations.	Blue & Gold Basics: FFA Officers & Meetings	Entire lesson; Activity - FFA Officer Duties; Activity - FFA Officer Duties Answer Key
		Blue & Gold Basics: Career Development Events	Entire lesson; Project - Interest Survey
10.02	Delineate the major events in the history of the FFA.	Blue & Gold Basics: What is FFA?	Segment 6. History; Activity - History Timeline; Activity - History Timeline Answer Key
10.03	Develop, implement, and maintain work-based learning through a Supervised Agricultural Experience (SAE) program.	Blue & Gold Basics: SAE Programs	Entire lesson; Activity - Selecting the Appropriate SAE; Activity - Selecting the Appropriate SAE Answer Key; Project - SAE Planning; Project - SAE Planning Contract
10.04	Collect, interpret, and analyze data using an organized record-keeping system	Introduction to Record Keeping	Entire lesson; Project - Introduction to Record Keeping