

Course Title: Veterinary Assisting 4 (edits)			
Course Number: 8111520			
NGSSS Benchmark	Content Focus	Number of Questions	Suggested Cognitive Complexity (per CPALMS)
<i>Reporting Category 1: Differentiate between animal welfare and animal rights.</i>			
SC.912.L.17.13	32.01 Define animal welfare and animal rights.	1 2	1 level 1 1 level 2
SC.912.L.17.13	32.02 Compare and contrast between animal welfare and animal rights.	1 2	1 level 2 1 level 3
SC.912.L.17.13	32.05 Describe animal cruelty and the consequences of cruel treatment of animals.	2	2 level 1
<i>Reporting Category Total:</i>		4 6	
<i>Reporting Category 2: Explain the role of animals in research</i>			
SC.912.L.16.10 SC.912.N.4.1	33.01 Describe the history of the role of animals in research.	1	1 1 level 1 1 level 2
SC.912.L.16.10 SC.912.N.4.1	33.02 Discuss medical advances made possible through the use of animals in research.	2	1 level 2 2 level 3 1 level 1
SC.912.L.16.10 SC.912.N.4.1	33.03 Define USDA and explain its roles in using animals in research.	2	2 1 level 1 1 level 2
SC.912.L.16.10 SC.912.N.4.1	33.04 Describe the role of the Institutional Animal Care and Use Committee (IACUC) with regard to animal research.	2	2 1 level 1 1 level 2
SC.912.L.16.10 SC.912.N.4.1	33.05 Explain the controversy over using animals in research.	2	1 level 2 1 level 3
SC.912.L.16.10 SC.912.N.4.1	33.06 Identify organizations that are in favor of and those that are against the use of animals in research.	1 2	1 2 level 1
SC.912.L.16.10 SC.912.N.4.1	33.08 Explain how biotechnology has affected animal research.	1 2	1 2 level 2
<i>Reporting Category Total:</i>		11 14	
<i>Reporting Category 3: Maintain and analyze records</i>			
34.01	Maintain and analyze records.	2	1 2 level 2 1 level 1
34.02	Discuss the legal requirements of maintaining animal health records, and maintain and analyze animal health records.	2	2 1 level 1 1 level 2
34.09	Recognize that medical records are legal documents and must meet the following legal requirements: (1) establish veterinarian---client---patient relationship, (2) contain owner and patient information, (3) contain patient history and (4) contain contemporaneously written medical procedures.	1 2	1 level 1 1 level 2
34.13	Explain the importance of client/patient confidentiality.	1 2	1 level 1 1 level 2
<i>Reporting Category Total:</i>		6 8	
<i>Reporting Category 4: Demonstrate knowledge of preventive medicine and disease control.</i>			
SC.912.L.14.6,38,52	35.01 Describe the importance of preventive medicine for animal health.	2	2 level 2
SC.912.L.14.6,38,52	35.02 Differentiate between healthy and sick animals.	2	2 level 1 2

SC.912.L.14.6,38,52	35.03 Describe common infectious and noninfectious diseases of animals to include bacterial, viral, fungal, prion and zoonotic.	2	2 1 level 1 1 level 2
SC.912.L.14.6,38,52	35.04 Describe vaccinations available for disease prevention and vaccination procedures.	2	2 level 1
SC.912.L.14.6,38,52	35.05 Describe isolation or quarantine procedures for new or sick animals.	1 2	1 level 1 1 level 2
SC.912.L.14.6,38,52	35.06 Discuss the terms immunology and active and passive immunity as it applies to disease and vaccination.	2	1 level 1 1 level 2
SC.912.L.14.6,38,52	35.07 Describe concepts of periodic health check-up.	2	2 level 1-2
SC.912.L.14.6,38,52	35.08 List and discuss common zoonotic diseases.	2	2 level 1
SC.912.L.14.6,38,52	35.09.02 Explain sanitary procedures including physical cleaning, disinfecting, and sterilizing.	2	1 level 1 2 1 level 2
SC.912.L.14.6,38,52	35.09.03 List precautions to take when mixing or using multiple cleaning and disinfecting agents.	1	1 level 1
SC.912.L.14.6,38,52	35.10 Determine containment procedure and treatment for an epidemic.	2	1 level 2 1 level 3
<i>Reporting Category Total:</i>		17 21	
<i>Reporting Category 5: Explain diagnostic testing</i>			
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.01 Explain diagnostic blood tests.	2	1 level 1 2 1 level 2
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.02 Explain urinalysis.	2	1 level 1 1 level 3-2
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.03 Explain fecal testing.	2	2 1 level 1 1 level 2
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.04 Summarize procedures necessary for completing a skin scraping, cytology, and gram stain.	3	3 level 1
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.05.01 Discuss restrictions from radiation exposure for pregnant women and minors.	2	1 level 1 1 level 2
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.05.02 Explain what a dosimeter badge does and who wears it and when.	2	1 level 1 1 level 2
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.05.03 Demonstrate the area of exposure in the radiology room including direct beam and scatter radiation.	2	2 level 2
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.05.04 Explain the correct use of personal protection equipment including lead shielded gowns, lead gloves, lead thyroid shield, lead glasses, and other lead protective wear.	2	2 level 2
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.05.06 Explain the proper handling of radiographic film including safe light use.	2	2 level 1
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.05.09 Explain how digital radiography differs from film.	1	1 level 2
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.06.01 List common species, which may transmit rabies to animals and humans.	2	2 level 2
SC.912.L.14.37	36.06.02 Explain the methods of transmission of	2	1 level 1

SC.912.N.3.5 SC.912.P.8.2	rabies to animals and humans.		1 level 3
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.06.03 List the symptoms associated with rabies.	2	2 level 2
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.06.04 Explain the proper safety measures to follow when handling an animal suspected of having rabies.	2	1 level 2 1 level 3
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.06.05 Explain the procedure for euthanasia suitable as an explanation for a pet owner.	2	1 level 2 1 level 3
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.06.06 Discuss the grief process that an owner may experience on the loss of the pet.	2	1 level 1 1 level 2
SC.912.L.14.37 SC.912.N.3.5 SC.912.P.8.2	36.06.07 Discuss the importance of presenting the body of the pet in a respectful and empathetic way.	1	1 level 2
<i>Reporting Category Total:</i>		6 33	
<i>Reporting Category 7: Describe internal and external parasites and control methods.</i>			
37.02	Identify ectoparasites fleas, ticks, lice, and mites and explain the life cycle and treatment and prevention methods.	4	4 1 level 1 2 level 2 1 level 3
37.03	Identify ova of endoparasites roundworms, hookworms, whipworms, strongyles and explain the life cycle and treatment and prevention methods.	2 4	2 1 level 1 2 level 2 1 level 3
37.04	Identify adult endoparasites roundworms, hookworms, whipworms, strongyles and heartworms	3	3 level 1 1 level 2 2 level 2
37.05	Identify giardia and coccidian in fecal samples.	2	2 level 2
37.06	Identify tapeworm segments in fecal sample or on pet.	1	1 level 1
37.07	Understand and accurately describe route of transmission, parasite vectors and zoonotic potential.	3	3 level 1 1 level 2 2 level 2
<i>Reporting Category Total:</i>		13 18	

Overall Percentage for Written Test: 70% Overall
Percentage for Performance Tasks: 30%

Course Name: Vet Assisting 4

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Overall Percentage for Performance Tasks: 30%

Performance Task #1	Exam Room Procedure
Weighting Percent for this Task	15%
Standard	34.12 Describe the duties of an office or hospital staff member as outlined by NAVTA which includes: <ul style="list-style-type: none">• Greet pet owner/client, identifies his/herself by name and as veterinary assistant in a professional manner.• Obtain or confirm pet owner/client and pet information including pet owner/client's name, address and phone numbers; pet's name, species, breed, color, sex (neutered or not neutered), age or birthdate.• Records current date and reason for appointment using correct medical terminology.• Obtain and record the pet's vital signs and weight with minimal restraint to pet.• Leave the exam room courteously indicating the veterinarian will be right in.
Exemplar (If applicable)	n/a
Additional Information	Student will demonstrate approved practices for checking in a patient and obtaining required information.
Suggested Assessment Team	Instructor and peer evaluators.

Performance Test #1 Exam Room Procedures

Criteria	Possible Points	Points Earned
Student introduced self and position in professional manner.	1	
Student determined and recorded the following information by questioning the owner and/or observation of the patient. <ul style="list-style-type: none">• Owners Name, Address and phone number• Pets Name• Color, Species, Breed• Age and/or birthdate• Sex (Neutered or Spayed)• Date of visit and reason for visit• Recorded information on chart	1 1 1 1 1 1 1	
Student described temperature taking procedure (or performed if animal available), then read thermometer and recorded results within .2 degrees.	1	
Student described pulse taking procedure (or performed if animal available) and recorded results.	1	
Student described respiration taking procedure (or performed if animal available) and recorded results.	1	
Obtained weight using scale and recorded.	1	
File Completed Legibly.	2	
Excused themselves from exam room in a friendly manner, indicating Veterinarian would be right in.	1	
	15	

Performance Task #2	Reading a fecal floatation
Weighting Percent for this Task	15%
Standard	35.1 Set up fecal flotations. 35.2 Identify the ova of endoparasites. 35.3 Identify giardia and coccidia
Exemplar (If applicable)	n/a
Additional Information	Student will set up a fecal sample for interpretation under the microscope. From fresh sample or prepared slides the student will identify parasite eggs.
Suggested Assessment Team	Instructor and peer evaluators.

Performance test #2 Read a Fecal Float

Criteria	Possible Points	Points Earned
Student selected about ¼ teaspoon of feces and placed into fecalyzer.	1	
Student added enough flotation solution to fill fecalyzer about ½ full.	1	
Student mixed the feces into solution until no large fecal particles remain.	1	
The student places insert into fecalyzer.	1	
The student filled vial with more solution until there was a visible meniscus at the top.	1	
The student placed a cover slip on top of the fecalyzer.	1	
The student allowed the vial to sit undisturbed for 10-15 minutes	1	
The student carefully removed the cover slip without tilting it and placed on a microscope slide.	1	
The student rotated nosepiece if necessary to lowest power objective setting (4x).	1	
The student placed slide on microscope stage, securing it in place.	1	
The student looks through the eyepiece while focusing slide.	1	
The student systematically adjusts the slide in a pattern to check for ova.	1	
The student correctly identifies ova located on 2 slides.	2	
Student sanitized hands using soap and water or hand sanitizer.	1	
	15	