



PONDEROSA FFA
VETERINARY SCIENCE

CDE TEAM
CURRICULUM

2017-2018

ponderosaffasas.weebly.com

(Updated 8/15/2017)



Equipment Identification

- | | |
|------------------------------------|------------------------------------|
| 1. Ambubag | 38. Dental scaler |
| 2. Anesthetic machine | 39. Disposable hypodermic needles |
| 3. Animal clippers | 40. Drench gun |
| 4. Autoclave | 41. Ear notcher |
| 5. Autoclave tape indicator | 42. Ear tags |
| 6. Backhaus towel clamps | 43. Ear tag (metal) pliers |
| 7. Balling gun | 44. Elastrator |
| 8. Bandaging material – Elasticon | 45. Elizabethan collar |
| 9. Bandaging material – roll gauze | 46. Emasculators |
| 10. Bandaging material – vet wrap | 47. Endoscope |
| 11. Bands (castration or docking) | 48. Endotracheal tubes |
| 12. Betadine | 49. Fecal loop |
| 13. Brush – Body (soft bristle) | 50. Fecalyzers |
| 14. Brush – Dandy (stiff bristle) | 51. Feeding tube for small animals |
| 15. Brush – Slicker | 52. Fetal extractor |
| 16. Brush – Pin | 53. Fingertip toothbrush |
| 17. Bulb syringe | 54. Forceps – Alligator |
| 18. Cat bag | 55. Forceps – Allis tissue |
| 19. Carmalt | 56. Forceps – Babcock tissue |
| 20. Catchpole (dog snare) | 57. Forceps – Brown-Adson thumb |
| 21. Catheter – butterfly | 58. Forceps – Crile |
| 22. Catheter – IV | 59. Forceps – Kelly |
| 23. Catheter – Urinary | 60. Forceps – Halstead mosquito |
| 24. Centrifuge | hemostatic |
| 25. Chemical indicator strips | 61. Forceps – Rat tooth thumb |
| 26. Clipper blades | 62. Gavage needle |
| 27. Clipper comb | 63. Gravity feeder / J tube |
| 28. Cold sterile tray | 64. Halter |
| 29. Comb – Curry | 65. Head chute |
| 30. Comb – Flea | 66. Hog snare |
| 31. Comb – Scotch | 67. Hoof knife |
| 32. Cover slips | 68. Hoof nippers |
| 33. Dehorner – Barnes | 69. Hoof pick |
| 34. Dehorner – electric | 70. Hoof rasp |
| 35. Dehorner – Scoop or tube | 71. Hoof trimmers |
| 36. Dental floats | 72. Identification tag applicator |
| 37. Dental retractor | 73. IV administration set |



74. IV fluids
75. Laparoscope
76. Laryngoscopes
77. Lead rope
78. Lead shank
79. Microscope slides
80. Mouth gag speculum (small)
81. Mouth gag speculum (large)
82. Muzzle – basket
83. Muzzle – commercial
84. Muzzle – nylon
85. Needle holder – Mayo-Hegar
86. Needle holder – Olsen-Hegar
87. Nail clippers – guillotine (resco)
88. Nail clippers – plier
89. Obstetrical chain and handle
90. Ophthalmoscope
91. Otoscope
92. Paste gun
93. Pig tooth nippers
94. Pill counting tray
95. Radiology PPE
96. Rectal prolapse ring – swine
97. Rumen magnet
98. Scalpel blade
99. Scalpel handle
100. Scissors – Suture wire cutting
101. Scissors – Bandage
102. Scissors – Lister bandage
103. Scissors – Littauer suture removal
104. Scissors – Mayo dissecting
105. Scissors – Metzenbaum dissecting
106. Shedding blade
107. Silver nitrate sticks
108. Small animal oxygen cage
109. Snook ovariohysterectomy hook
110. Squeeze chute
111. Staple remover
112. Steel lift table
113. Stethoscope
114. Surgical cap
115. Surgical drapes
116. Surgical gloves
117. Surgical gown
118. Surgical masks
119. Surgical tray
120. Suture material
121. Suture needle – cutting
122. Suture needle – taper
123. Syringe – luer lock
124. Syringe – slip tip
125. Syringe – automatic, multi-dose
126. Tattooing instruments – sm. & lg.
127. Tonometer
128. Tourniquet
129. Trocar and cannula
130. Twitch – chain
131. Twitch – humane
132. Weight tape



Parasite Identification

1. Blowfly (Family Calliphoridae)
2. Blowfly maggot (Family Calliphoridae)
3. Cat Warble (Genus Cuterebra)
4. Cattle Grub (Genus Hypoderma)
5. Coccidia (Genus Isospora or Eimeria)
6. Demodectic Mite (Genus Demodex)
7. Ear Mite (Family Psoroptidae ; Genus Otodectes)
8. Flea Larva (Genus Ctenocephalides)
9. Flea Tapeworm Egg (Genus Dipylidium)
10. Flea Tapeworm Segment (Genus Dipylidium)
11. Flea Tapeworm (Genus Dipylidium)
12. Fleas (Genus Ctenocephalides)
13. Giardia (Genus Giardia)
14. Hard tick (Family Ixodidae; Genus *Amblyomma* or *Dermacentor*)
15. Heartworm Adult (Genus *Dirofilaria*)
16. Heartworm *Microfilaria* (Genus *Dirofilaria*)
17. Hookworm Adult (Family Ancylostomatidae; Genus *Ancylostoma*, *Uncinaria*, *Bunostomum* or *Globocephalus*)
18. Hookworm Egg (Family Ancylostomatidae; Genus *Ancylostoma*, *Uncinaria*, *Bunostomum* or *Globocephalus*)
19. Horse Bots (Genus *Gasterophilus*)
20. Horse Strongyles (Family Strongylidae; Genus *Strongylus*)
21. Lice – Biting (Order Mallophaga; Genus *Bovicola* or *Trichodectes*)
22. Lice – Sucking (Order Anoplura; Genus *Linognathus* or *Hematopinus*)
23. Liver Fluke (Class Trematoda; Genus *Fasciola*, *Fascioloides* or *Dicrocoelium*)
24. Lungworm (Family Metastrongylidae; Genus *Metastrongylus*, *Dictyocaulus* or *Aelurostrongylus*)
25. Mosquito Adult (Family Culicidae; Genus *Anopheles*, *Culex* or *Aedes*)
26. Mosquito Larva (Family Culicidae; Genus *Anopheles*, *Culex* or *Aedes*)
27. Roundworm Adult* (Family Ascarididae or Toxocaridae; Genus *Toxocara*, *Toxascaris*, *Ascaris*, *Parascaris* or *Neoascaris*)
28. Roundworm Egg (Family Ascarididae or Toxocaridae; Genus *Toxocara*, *Toxascaris*, *Ascaris*, *Parascaris* or *Neoascaris*)
29. Sarcoptic Mite (Family Sarcoptidae ; Genus *Sarcoptes* or *Notoedres*)
30. Soft tick
31. Taenia Tapeworm Egg (Family Taeniidae; Genus *Taenia*)
32. Taenia Tapeworm Segment* (Family Taeniidae; Genus *Taenia*)
33. Taenia Tapeworm (Family Taeniidae; Genus *Taenia*)
34. Whipworm Egg* (Genus *Trichuris*)
35. Whipworm (Genus *Trichuris*)



Breed/Species Identification

Dogs

SPORTING GROUP

1. Brittany Spaniel
2. Cocker Spaniel
3. English Setter
4. English Springer Spaniel
5. German Shorthaired Pointer
6. Golden Retriever
7. Irish Setter
8. Labrador Retriever
9. Weimaraner

NON-SPORTING GROUP

1. Bichon Frise
2. Boston Terrier
3. Bulldog
4. Chinese Shar-Pei
5. Chow Chow
6. Dalmatian
7. Lhasa Apso
8. Poodle

TERRIER GROUP

1. Bull Terrier
2. Cairn Terrier
3. Miniature Schnauzer
4. Parson Russell Terrier
5. Scottish Terrier
6. Smooth Fox Terrier
7. West Highland White Terrier
8. Wire Fox Terrier

HERDING GROUP

1. Australian Cattle Dog
2. Australian Shepherd
3. Border Collie
4. Cardigan Welsh Corgi
5. Collie
6. German Shepherd Dog
7. Old English Sheepdog
8. Pembroke Welsh Corgi
9. Shetland Sheepdog

WORKING GROUP

1. Akita
2. Alaskan Malamute
3. Bernese Mountain Dog
4. Boxer
5. Doberman Pinscher
6. Giant Schnauzer
7. Great Dane
8. Great Pyrenees
9. Mastiff
10. Newfoundland
11. Portuguese Water Dog
12. Rottweiler
13. Saint Bernard
14. Samoyed
15. Siberian Husky
16. Standard Schnauzer

TOY GROUP

1. Cavalier King Charles Spaniel
2. Chihuahua
3. Italian Greyhound
4. Maltese
5. Miniature Pinscher
6. Papillon
7. Pekingese
8. Pomeranian
9. Poodle
10. Pug
11. Shih Tzu
12. Silky Terrier
13. Toy Fox Terrier
14. Yorkshire Terrier

HOUND GROUP

1. Afghan Hound
2. American Foxhound
3. Basenji
4. Basset Hound
5. Beagle
6. Black and Tan Coonhound
7. Bloodhound
8. Dachshund
9. English Foxhound
10. Greyhound
11. Rhodesian Ridgeback
12. Whippet



Cats

1. Abyssinian
2. American Shorthair
3. Burmese
4. Cornish Rex
5. Devon Rex
6. Exotic
7. Maine Coon
8. Manx
9. Persian
10. Ragdoll
11. Russian Blue
12. Siamese
13. Sphynx
14. Turkish Angora

Rabbits

1. American Fuzzy Lop
2. Angora
3. Californian
4. Dutch
5. Dwarf Hotot
6. English Spot
7. Flemish Giant
8. Jersey Wooly
9. Holland Lop
10. Mini Rex
11. Netherland Dwarf
12. New Zealand
13. Polish
14. Satin

Birds

1. African Gray Parrot
2. Canary
3. Cockatiel
4. Cockatoos
5. Love Birds
6. Macaw
7. Mynah
8. Parakeet
9. Rainbow Lorikeet
10. Society Finch
11. Sun Conure
12. Zebra Finch

Other

1. Potbellied Pig

Small Mammals

1. Chinchilla
2. Degus
3. Ferret
4. Gerbils
5. Guinea Pig
6. Hamster
7. Hedgehog
8. Sugar Glider

Reptiles

1. Bearded Dragon
2. Chameleon
3. Frog
4. Gecko
5. Iguana
6. Lizard
7. Snake
8. Toad
9. Turtle

Goat

1. Alpine
2. Nubian
3. Angora
4. Boer
5. LaMancha
6. Oberhasli
7. Pygmy
8. Saanen
9. Toggenburg

Swine

1. American Landrace
2. Berkshire
3. Chester White
4. Duroc
5. Hampshire
6. Yorkshire

Dairy Cattle

1. Ayrshire
2. Brown Swiss
3. Guernsey
4. Holstien
5. Jersey

Beef Cattle

1. Angus
2. Brahman
3. Charolais
4. Hereford
5. Simmental
6. Shorthorn

Horse

1. Appaloosa
2. Arabian
3. Belgian
4. Clydesdale
5. Haflinger
6. Miniature
7. Morgan
8. Paint
9. Paso Fino
10. Percheron
11. Quarter Horse
12. Saddlebred
13. Standardbred (w/cart)
14. Tennessee Walking Horse
15. Thoroughbred
16. Donkey
17. Mule

Poultry

1. Chicken — Cornish
2. Chicken — Leghorns
3. Chicken — Plymouth Rock
4. Chicken — Rhode Island Red
5. Duck
6. Geese
7. Quail
8. Turkey

Sheep

1. Chevoit
2. Columbia
3. Dorper
4. Dorset
5. Hampshire
6. Jacob
7. Merino
8. Montadale
9. Rambouillet
10. Southdown
11. Suffolk



Practicums 2017 - 2018

Administering Aural medication

Bandage removal

Carrying a Cat

Filling a syringe

Haltering cattle

Removing a dog from a floor level cage or kennel

Restraint of the Cat for the femoral Venipuncture

Restraint of the dog in Sternal Recumbency

Restraint of a rabbit

Tying a Bowline knot

Tying a Reefer knot



Administering Aural Medication

Participant must talk through practicum steps with judge.

Criteria	Points Possible	Points Earned
The student applies gloves.	6	
The student cleans ears.	6	
The student successfully administered the medication into the ear canal without contamination of the applicator tip.	10	
The student applies proper amount of medication into the ear as noted by the veterinarian.	8	
The student massages the base of the outside of the ear canal causing a swishing sound from the medication moving around in the ear canal.	8	
The student wipes any solution that may have leaked onto the outside of the ear flap or hair.	6	
The student disinfects the medication dispenser with alcohol and places in appropriate area.	6	
TOTAL POINTS	50	

Judge Comments:



Bandage Removal

Participant must talk through practicum steps with judge.

Criteria	Points Possible	Points Earned
The student works from the proximal end to the distal end of the bandage.	6	
The student places the long, blunt blade of the bandage scissors against the skin and slightly under the bandage edge	6	
The student keeps the blade flat against the skin and at the tip raised slightly upward in contact with bandage.	6	
The student places superficial bandage layers between scissor blades.	6	
The student begins cutting proximally; peeling the bandage layers away from patient using a firm motion.	6	
The student peels or cuts layers moving toward the distal portion of the bandage.	6	
The student gently removes each layer of bandage.	6	
The student notifies the veterinarian when bandage has been removed and notes the status of the unbandaged area (normal or if there are any problems).	4	
The student cleans up work area.	4	
TOTAL POINTS	50	

Judge Comments:



Carrying a Cat

Participant must talk through practicum steps with judge.

Criteria	Points Possible	Points Earned
The student ensures that the cat is calm and happy.	12	
The student places one hand on the front of the cat's body to control the head and front limbs.	14	
The student places his/her other hand under the abdomen and rump to control the rear limbs.	12	
The student pulls the cat close to their body for support.	12	
TOTAL POINTS	50	

Judge Comments:



Filling a Syringe

Participant must talk through practicum steps with judge.

Criteria	Points Possible	Points Earned
The student determines the amount to be placed in the syringe.	6	
The student selects the proper-sized syringe.	8	
The student inserts the syringe into the top of the bottle.	6	
The student places the bottle upside down in one hand and holds securely.	6	
The student withdraws the proper volume.	6	
The student removes the syringe from the bottle.	6	
The student gently taps or snaps the edge of the syringe to remove any air bubbles, or slightly expel the air by pushing the end of the plunger.	6	
The student places syringe in the sharps container.	6	
TOTAL POINTS	50	

Judge Comments:



Haltering Cattle

Participant must talk through practicum steps with judge.

Criteria	Points Possible	Points Earned
The student places crown piece of halter over ears, then slips nose through nosepiece.	12	
The student properly adjusts the halter such that the nose band crosses over bridge of nose halfway between the nostrils and eyes.	14	
The student ensures that the adjustable portion of the nose band is under the chin, not across the bridge of the nose.	12	
The student keeps the standing end or lead rope portion on the left side of the cow.	12	
TOTAL POINTS	50	

Judge Comments:



Removing a Dog from a Floor Level Cage or Kennel

Participant must talk through practicum steps with judge.

Criteria	Points Possible	Points Earned
The student places a leash in one hand with a large loop open and ready to place over the dog's head.	10	
The student places a leash in one hand with a large loop open and ready to place over the dog's head.	10	
The student slips the leash over the neck of the dog and gently tightens the leash around the neck.	10	
The student opens the door and allows the dog to exit the cage.	10	
The student keeps the dog to their side while maintaining a slight tension on the leash.	10	
TOTAL POINTS	50	

Judge Comments:



Restraint of the Cat for the Femoral Venipuncture

Participant must talk through practicum steps with judge.

Criteria	Points Possible	Points Earned
The student places the cat on an examination table.	12	
The student scruffs the cat with one hand and lifts it off of the table enough to grasp both hind legs with his/her other hand.	14	
The student lays the cat on its side in lateral recumbency.	12	
The student tucks top rear leg and tail while occluding the femoral vein with side of hand.	12	
TOTAL POINTS	50	

Judge Comments:



Restraint of the dog in Sternal Recumbency

Participant must talk through practicum steps with judge.

Criteria	Points Possible	Points Earned
The student puts a noose leash on the dog.	10	
The student begins with the dog sitting.	10	
The student places one arm around the dog’s neck and places the other arm around the dog’s back to grasp the forelimbs.	10	
The student pushes the dog’s back with his/her body to encourage the dog to lie down.	10	
The student positions the dog so that head can be examined.	10	
TOTAL POINTS	50	

Judge Comments:



Restraint of a Rabbit

Participant must talk through practicum steps with judge.

Criteria	Points Possible	Points Earned
The student approaches the rabbit calmly and quietly.	10	
The student scruffs the rabbit with one hand while gently lifting the front end.	10	
The student's other hand immediately reaches under the hind limbs and holds them (not allowing the hind limbs to dangle).	10	
The student rests the rabbit's body on the arm with the hand holding the hind limbs.	10	
The scruffing hold is released and the hand is moved to hold the elbow of the opposite arm..	10	
TOTAL POINTS	50	

Judge Comments:



Tying a Bowline Knot

Participant must talk through practicum steps with judge.

Criteria	Points Possible	Points Earned
The student makes a loop in the long end of the rope such that the short end of the rope overlaps the long end.	10	
The student passes the short end of the rope up through the loop.	10	
The student reaches under the long end of the rope and grasps the short end such that it wraps around the long end.	10	
The student passes the short end of the rope back through the loop in the opposite direction of the first pass.	10	
The student tightens the knot by pulling on both long and short ends.	10	
TOTAL POINTS	50	

Judge Comments:



Tying a Reefer Knot

Participant must talk through practicum steps with judge.

Criteria	Points Possible	Points Earned
The student places the rope over a pole or tie area.	12	
The student passes the short end over and under the long end.	14	
The student makes a fold or bight in the short end and passes it over and under the long end.	12	
The student pulls securely on the long end and loop of the short end.	12	
TOTAL POINTS	50	

Judge Comments: