

Student Name _____

Skills & Clinical Data Packet

Primary/Secondary Clinic

**This needs to be completed by your employer and
returned before you can register**

Signature of Clinical Supervisor

Host Clinic Data Request

Veterinary Technology Distance Education Program

The Committee on Veterinary Technician Education and Activities (CVTEA) of the American Veterinary Medical Association has required that we collect information about the veterinary practices where our students work. Your assistance in providing this information is critical in helping us continue accreditation for the distance program. Please also include a photograph of your hospital when you return this form.

Please return the completed form to: St. Petersburg College
 Veterinary Technology Program
 PO Box 13489
 St. Petersburg, FL 33733

Hospital or Clinic Name _____
 Address _____
 City, State, ZIP _____
 Telephone _____ FAX: _____
 Year Clinic Founded _____ AAHA Accredited? Y ___ N ___

Veterinarians:				
Names	School	Yr. Grad.	Bd. Cert./degree	Owner/Assoc.
_____	_____	_____	_____	O ___ A ___
_____	_____	_____	_____	O ___ A ___
_____	_____	_____	_____	O ___ A ___
_____	_____	_____	_____	O ___ A ___
_____	_____	_____	_____	O ___ A ___

Certified or Graduate Technicians:				
Names	School	Yr. Grad.	Degrees	Yrs at Clinic
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Other Technical/Lay Staff:				
Names	Positions			
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Distance Students:				
Names	Screen Names		Degrees	Yrs at Clinic
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Species Treated:	Eq./Food Animal	Canine	Feline	Avian/Exotic
_____	_____	_____	_____	_____

19. Demonstrate understanding of regulations governing maintenance of controlled substances log book*		
20. Demonstrate compliance with all federal regulatory guidelines for drug purchase, storage, administration, withdrawal, dispensing, disposal, and inventory control (e.g., biologics and therapeutic agents, pesticides, and hazardous wastes)*		
21. Relay drug information to clients (e.g., handling, storage, administration, side-effects, drug interactions, safety, reasons for use of drug)*		
22. Provide post-operative care discharge instructions*		

1650L Skills List

	Primary Clinic	Secondary Clinic
1. Perform basic filing of medical records, radiographs, lab reports, etc.*		
2. Recognize roles of appropriate regulatory agencies* (OSHA)		
3. Maintain appropriate disposal protocols for hazardous materials* (OSHA)		
4. Establish and maintain appropriate sanitation and nosocomial protocols for a veterinary facility, including patient and laboratory area* (OSHA)		
5. Safely and effectively administer drugs by common small animal parenteral and enteral routes & subcutaneous (SQ); be able to explain appropriate routes and methods and when used*		
6. Demonstrate the ability to accurately record medical information*		
7. Describe and use common animal identification methods*		
8. Demonstrate effective and appropriate restraint techniques for various animal species:		
a. Properly restrain dogs and cats for procedures*		
b. Encage and remove small animals from cages*		
c. Apply dog muzzle safely*		
d. Apply Elizabethan collar*		
e. Use restraint pole and other restraint aids*		
9. Obtain a thorough patient history*		
10. Demonstrate the ability to obtain objective patient data:		
a. Temperature (dog, cat)*		
b. Pulse (dog, cat)*		
c. Respiration (dog, cat)*		
d. Auscultate heart/lungs (dog, cat)*		
11. Collect voided urine sample (small animal)*		
12. Grooming:		
a. Demonstrate understanding of therapeutic bathing, basic grooming, and dipping of small animals*		
b. Trim nails (dogs, cats)*		
c. Express canine anal sacs*		
d. Clean and medicate ears (dog, cat)*		
13. Environmental conditions: implement sanitation procedures for animal holding and housing areas*		
14. Demonstrate understanding of permanent identification*		
15. Administer parenteral medications subcutaneous*		
16. Administer enteral medications by hand pilling (dog, cat)*		
17. Administer topical medications (including eye meds)*		
18. Perform ocular diagnostic tests (including tonometry, fluorescein staining and Schirmer tear test)*		
19. Administer enemas*		
20. Collect/evaluate skin scrapings*		
21. Perform Urinalysis:		
a. Determine physical properties (e.g., color, clarity, specific gravity)*		
b. Test chemical properties*		
22. Perform CBC:		
a. Packed cell volume*		
23. Perform serologic test (ELISA, slide/card agglutinations)*		
24. Identify blood parasites:		
a. Dirofilaria sp/Dipetalonema sp – antigen kit*		

b. <i>Dirofilaria</i> sp/ <i>Dipetalonema</i> sp – direct*		
25. Perform parasitologic procedures for external parasites and identify:		
a. Mites*		
b. Lice*		
c. Ticks*		
d. Fleas*		
e. Flies*		
26. Perform diagnostics procedures for parasites:		
a. Antigen kit*		
b. direct*		
c. Fecal flotations*		
d. Direct smears*		
27. Identify common parasitic forms:		
a. Nematodes*		
b. Cestodes*		
c. Protozoa*		
28. Collect & prepare ear cytology*		
29. Explain how to handle rabies suspects and samples safely*		
30. Implement and observe recommended radiation safety measures*		

1650L Equipment List

	Owned	Available
Examination Tables		
Bathing Supplies		
Cages		
Cotton Tipped Swabs		
Nail Trimmers		
Ophthalmoscope		
Otoscope		
Elizabethan Collar		
Muzzles		
Microscope		
Microscope Slides		
Refractometer		
Stethoscope		
MHct centrifuge, MHct tubes (clay)		
Cotton tip swabs		
Thermometer (rectal)		
Watch with second hand		
Antigen Kit (HWT)		
Radiation safety equipment (apron, gloves, thyroid shield, goggles, dosimeter)		
Urine chemical strips		
MSDS sheets		
Elizabethan collars		
Syringes & needles		
Injectable medications		
Topical medications		
Gloves – exam		
Sterile lubricant		
Surgical blades		
Disinfectant		
Tablet capsule		
Liquid oral meds		
Tonopen		
Fluorescein eye stain		
Schmirmer tear test		
Anesthesia machine		

1654L Skills List

	Primary Clinic	Secondary Clinic
1. Perform basic filing of medical records, radiographs, lab reports, etc.*		
2. Obtain a thorough patient history (presurgical)*		
3. <i>Perform venipuncture:</i>		
a. <i>Cephalic (dog, cat)*</i>		
b. <i>Jugular (dog, cat)*</i>		
c. <i>Saphenous (dog)*</i>		
d. <i>Medial femoral (dog, cat)</i>		
5. Patient assessment		
a. Organize medical records/consent forms*		
6. <i>Prepare surgical site using appropriate aseptic techniques*</i>		
7. <i>Position patient for common procedures*</i>		
8. Provide surgical assistance:		
a. <i>Maintain proper operating room conduct and asepsis*</i>		
b. <i>Properly pass instruments and supplies*</i>		
c. Operate and maintain suction and cautery machines*		
9. Provide post-operative care: <i>suture removal*</i>		
10. Understand and provide the appropriate instruments, supplies and environment to maintain asepsis during surgical procedures.		
a. <i>Prepare surgical instruments and supplies*</i>		
b. <i>Prepare gowns, masks, gloves, and drapes*</i>		
c. <i>Operate and maintain autoclaves*</i>		
d. <i>Sterilize instruments and supplies using appropriate methods*</i>		
e. Identify and know proper use for instruments*		
f. Identify common suture materials, types, and sizes*		
g. <i>Provide operating room sanitation and care*</i>		
h. Maintain proper operating room conduct and asepsis*		
i. <i>Perform post-surgical clean-up (e.g., equipment, instruments, room, proper disposal of hazardous medical waste)*</i>		
11. Create and maintain all appropriate facility records and logs in compliance with regulatory guidelines (e.g., radiography)*		
12. <i>Implement and observe recommended radiation safety measures*</i>		
13. Implement radiographic quality control measures*		
14. <i>Position dogs, cats</i>		
15. <i>Utilize radiographic equipment to expose radiograph film (stationary)*</i>		
16. <i>Process exposed films to create diagnostic radiographic images(automatic)*</i>		
17. <i>Label, file, and store film*</i>		
18. <i>Complete radiographic logs, reports, files and records*</i>		
19. Demonstrate proper maintenance of radiographic equipment, including recognition of faulty equipment operation*		

1654L Equipment List

	Owned	Available
Anesthesia Machine		
Surgical prep equipment		
Electric clippers		
Small Animal Scales		
X-ray Machine		
Film identification markers		
Hand Dark Room and developing equipment		
Stethoscope		
Surgical Instruments		
Surgical Suction		

1671L Skills List**Primary Clinic****Secondary Clinic**

1. Administer parenteral medications: Intraperitoneal		
2. Recognize and restrain (mice, rats & rabbits)*		
3. Restrain pocket pets and exotics		
4. Determine sex and understand reproduction (mice, rats & rabbits)*		
5. Perform and/or supervise basic care procedures (mice, rats & rabbits):		
a. Handling*		
b. Nutritional needs/diet*		
c. Watering*		
d. Feeding*		
e. Identification*		
6. Administer drugs or medicaments using appropriate sites and routes (all common species)*		
7. Perform methods of injection (mice, rats & rabbits):		
a. Subcutaneous*		
b. Intraperitoneal*		
8. Collect blood samples (mice, rats & rabbits)*		
9. Perform oral dosing (mice, rats & rabbits)*		
10. Have working knowledge of anesthetic and recovery procedures (mice, rats & rabbits)*		
11. Explain common disease signs (mice, rats & rabbits)*		

1671L Equipment List**Owned****Available**

Electric Clippers		
Nail Trimmers		
Laboratory Animal Oral Dosing Equipment		
Laboratory Animal Scales		

2050C Skills List**Primary Clinic****Secondary Clinic**

1. Recognize common domestic animal species and breeds* (small animal)		
2. Recognize dog breeds* (AKC)		
3. Recognize cat breeds* (CFA)		
4. Recognize normal dog behavior		
5. Recognize normal cat behavior		
6. Define classical and operant conditioning		
7. Define habituation		
8. Define extinction		
9. Describe counter-conditioning (classical & operant)		
10. Describe systemic desensitization and successive approximation		
11. Describe positive and negative reinforcement		
12. Describe punishment (positive & negative)		
13. Clicker train a dog		
14. Clicker train a cat		

2501C Skills List**Primary Clinic****Secondary Clinic**

1. Apply understanding of interpersonal skills and team dynamics in all aspects of team dynamics*		
2. Utilize appropriate interpersonal and public relations skills*		
3. Recognize the legality of the veterinary-client-patient relationship*		
4. Apply crisis intervention/grief management skills with clients*		
5. Understand and observe legal boundaries of veterinary health care team members*		
6. Interact professionally with clients and fellow staff members*		
7. Demonstrate a commitment to high quality patient care*		

2611 Skills List**Primary Clinic****Secondary Clinic**

1. Apply understanding of interpersonal skills and team dynamics in all aspects of team dynamics*		
2. It is essential that technicians have knowledge of routine surgical procedures and related equipment, including surgeries in these categories:		
a. Ovariohysterectomy - dogs and cats*		
b. Cesarean section - all common species*		
c. Orthopedic procedures*		
d. Orchiectomy - all common species*		
e. Tail docking*		
f. Onychectomy - dogs and cats*		
g. Laparotomies - all common species*		
h. Dystocias in common species*		
i. Prolapsed organs - common types, species, and incidence*		
3. Explain care of recumbent patients		

2612 Skills List**Primary Clinic****Secondary Clinic**

1. Recognize the safe and effective manner in which vaccines must be administered; recognize and explain common side effects*		
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2631 Skills List**Primary Clinic****Secondary Clinic**

1. Understand life stage energy and nutrient requirements of well animals (dog and cat)*		
2. Understand current developments in nutritional supplements and additives including benefits and potential toxicities*		
3. Develop and communicate hospital nutrition protocols*		
4. Understand the principles of operation and maintenance of fiber optic equipment*		

2634 Skills List**Primary Clinic****Secondary Clinic**

1. Demonstrate understanding of nursing care of newborns*		
2. Recognize general types groups of drugs, their mechanisms, and clinically relevant side effects*		
3. Differentiate prescription drugs from over-the-counter drugs		

2638L Skills List**Primary Clinic****Secondary Clinic**

1. Create and maintain all appropriate facility records and logs in compliance with regulatory guidelines (e.g., laboratory)*		
2. <i>Properly collect diagnostic specimens for analysis (ex: urine, blood, feces, specimens for cytology)</i>		
3. <i>Prepare specimens for diagnostic analysis*</i>		
4. <i>Select and maintain laboratory equipment*</i>		
5. <i>Implement quality control measures*</i>		
6. <i>Perform urinalysis:</i>		
a. <i>Determine physical properties (e.g., color, clarity, specific gravity)*</i>		
b. <i>Test chemical properties*</i>		
c. <i>Examine and identify sediment*</i>		
7. <i>Perform CBC:</i>		
a. <i>Hemoglobin*</i>		
b. <i>Packed cell volume*</i>		
c. <i>Total protein*</i>		
d. <i>White cell count*</i>		
e. <i>Red cell count*</i>		
8. <i>Perform microscopic exam of blood film:</i>		
a. <i>Prepare film and stain using a variety of techniques*</i>		
b. <i>Perform leukocyte differential – normal vs abnormal*</i>		
c. <i>Evaluate erythrocyte morphology – normal vs abnormal*</i>		
d. <i>Estimate platelet numbers*</i>		
e. <i>Calculate absolute values*</i>		

f. <i>Correct white blood cell counts for nucleated cells*</i>		
9. Calculate hematologic indices*		
10. Perform microscopic exam of blood film:		
a. Prepare film and stain using a variety of techniques*		
11. Identify blood parasites:		
a. Hemotropic Mycoplasma sp* (formerly Haemobartonella sp)		
b. Anaplasma sp		
c. Babesia sp		
d. Trypanosoma sp		
e. Eperythrozoon sp		
f. Ehrlichia sp		
12. Perform diagnostics procedures for parasites:		
a. Floatation solution preparation		
b. Fecal flotations*		
c. Fecal sedimentation*		
d. Direct smears*		
e. Centrifugation with flotation*		
13. Identify common parasitic forms:		
a. Nematodes*		
b. Trematodes*		
c. Cestodes*		
d. Protozoa*		
14. Perform microbiologic procedures/evaluations:		
a. Perform staining procedures*		

2638L Equipment List

	Owned	Available
Autoanalyzer		
Centrifuge		
Differential blood cell counter		
Electronic blood cell counter		
Hand Tally counter		
Incubator		
MHct Centrifuge		
Microscopes		
Refractometer		

2639L Skills List

	Primary Clinic	Secondary Clinic
1. Properly collect diagnostic specimens for analysis (ex: urine, blood, feces, specimens for cytology)*		
2. Prepare diagnostic specimens for shipment*		
3. Demonstrate understanding of breeding/reproduction techniques*		
4. Perform critical care:		
a. Collect and crossmatch blood for transfusion*		
b. Blood typing		
4. Ensure safety of patients, clients and staff*		
5. Coagulation tests – perform one of the following*:		
a. Buccal mucosal bleeding time		
b. Activated clotting time (ACT)		
c. Prothrombin time (PT)		
d. Partial thromboplastin time (PTT)		
e. Fibrinogen assay		
6. Perform blood chemistry tests (BUN, glucose, common enzymes)* 2639L		
7. Perform serologic test (ELISA, slide/card agglutinations)*		
8. Identify blood parasites:		
a. Hemotropic Mycoplasma sp* (formerly Haemobartonella sp)		
b. Anaplasma sp		
c. Babesia sp		
d. Trypanosoma sp		
e. Eperythrozoon sp		
f. Ehrlichia sp		

9. Perform microbiologic procedures/evaluations:		
a. Collect representative samples*		
b. Culture bacteria and perform sensitivity tests*		
c. Identify common animal pathogens using commercially available media and reagents*		
d. Perform common biochemical tests*		
e. Perform staining procedures*		
f. Culture and identify common dermatophytes*		
10. Perform cytologic evaluation		
a. Assist in collecting, preparing and evaluating transudate, exudate and cytologic specimens (joint, cerebrospinal, airway, body cavity)		
b. Perform fine needle tissue aspirates and impression smear preparation (differentiate benign vs. malignant)		
c. Evaluate ear cytology*		
d. Collect, prepare, and evaluate canine vaginal smears*		
e. Evaluate semen		
f. Understand timing and types of pregnancy testing		
11. Perform necropsy procedures:		
a. collect samples, store and ship according to laboratory protocols*		

2639L Equipment List

	Owned	Available
Autoanalyzer		
Centrifuge		
Differential blood cell counter		
Electronic blood cell counter		
Microscopes		
Refractometer		
Clinical Chemistry Analyzer		
Small Animal Vaginal Speculum		

2651L Skills List

	Primary Clinic	Secondary Clinic
1. Create and maintain all appropriate facility records and logs in compliance with regulatory guidelines (surgical, anesthesia)*		
2. Accurately perform appropriate calculations; use weights and measures correctly (anesthesia)*		
3. Safely and effectively administer drugs by common small animal parenteral routes; be able to explain appropriate routes and methods and when used*		
4. Monitor therapeutic responses*		
5. Demonstrate the ability to obtain objective patient data:		
a. Auscultate heart/lungs* (dog, cat)*		
6. Perform venipuncture:		
a. Cephalic (dog, cat)*		
b. Jugular (dog, cat)*		
c. Saphenous (dog)*		
7. Collect urine sample:		
a. Catheterize male* and female dogs		
b. Catheterize male cat*		
c. Perform cystocentesis (small animal)*		
8. Administer parenteral medications:		
a. Intramuscular*		
b. Intradermal		
c. Intravenous*		
9. Fluid therapy:		
a. Administer subcutaneous fluids*		
b. Place intravenous catheters (cephalic*, saphenous*, jugular)		
c. Maintain and care for catheters*		
d. Determine/maintain fluid infusion rate*		

e. Monitor patient hydration status*		
f. Develop familiarity with fluid delivery systems*		
10. Apply and remove bandages and splints*		
11. Develop understanding of wound management and abscess care*		
12. Apply established emergency protocols:		
a. Maintain emergency medical supplies/crash cart*		
b. Perform first aid and cardiopulmonary resuscitation (anesthesia) (simulation acceptable)*		
c. Use resuscitation bag*		
d. Apply emergency splints and bandages*		
13. Calculate dosages of appropriate anesthetic-related drugs*		
14. Administer anesthetic-related drugs by injection, mask, induction chamber or endotracheal tube*		
15. Place endotracheal tubes in patients when appropriate*		
16. Utilize clinical signs and appropriate equipment to monitor patient status in all stages of anesthetic procedures (e.g., esophageal stethoscope, Doppler, pulse oximeter)*		
17. Evaluate patient and implement and evaluate pain management protocols*		
18. Recognize and respond appropriately to patients in compromised states*		
19. Perform appropriate resuscitation procedures as needed (e.g., calculate and administer appropriate anesthetic antagonists and emergency drugs as directed)*		
20. Complete controlled substance log* (does not need to be official controlled substance log; mock logs may be utilized)		
21. Maintain and operate anesthetic delivery and monitoring equipment:		
a. Pulse oximeter*		
b. Esophageal stethoscope*		
c. Electrocardiograph (e.g., recognize abnormal rhythms/audible sounds, properly apply leads)*		
d. Anesthetic machines, including rebreathing systems, non-rebreathing systems induction chambers and masks*		
e. Endotracheal tubes*		
f. Resuscitation bag*		
g. Scavenging systems*		
h. Oxygen sources*		
i. Respiratory monitors*		
j. Laryngoscopes*		
22. Provide post-operative care:		
a. Pain management*		
b. Fluid therapy*		
c. Adequate nutrition*		
d. Wound management*		
e. Bandaging*		

2651L Equipment List

	Owned	Available
Anesthesia machine – halothane & isoflurane		
Non-rebreathing system		
Waste anesthetic gas scavenger		
Dental instruments		
Electric clippers		
Electrocardiograph		
Endotracheal tubes		
Esophageal stethoscope		
Small animal oral dosing equipment		
Otoscope		
Stethoscope		
Surgical Instruments		
Surgical Suction		

Surgical Table		
Ultrasonic Dental Cleaner		
X-ray Machine		
Automatic Film Processor		
Apron & Gloves, lead lined		
Calipers		
High speed/rare earth screens		
Film identification markers		
Hand Dark Room and developing Equipment		
Radiation safety badges		
Lead Thyroid collar		
Lead Eyeglasses		
Dental X-ray machine		
Ophthalmoscope		

2653L Skills List

	Primary Clinic	Secondary Clinic
1. Create and maintain all appropriate facility records and logs in compliance with regulatory guidelines (surgical, anesthesia)*		
2. Recognize groups of drugs, their mechanisms, and clinically relevant side effects (anesthesia)*		
3. Recognize the safe and effective manner in which vaccines must be administered; recognize and explain common side effects (anesthesia)*		
4. Safely and effectively administer drugs by common small animal parenteral routes; be able to explain appropriate routes and methods and when used*		
5. Monitor therapeutic responses*		
6. <i>Demonstrate the ability to obtain objective patient data:</i>		
a. <i>Auscultate heart/lungs* (dog, cat)*</i>		
7. Understand key nutritional factors in disease conditions*		
8. Be familiar with therapeutic foods*		
9. Develop and communicate hospital nutrition protocols*		
10. <i>Administer enteral medications:</i>		
a. <i>Gastric intubation (small animal)*</i>		
b. <i>Nasogastric intubation (small animal)</i>		
11. Perform physical therapy:		
a. Explain care of recumbent patient*		
12. Apply established emergency protocols:		
a. Maintain emergency medical supplies/crash cart*		
13. Dentistry:		
a. <i>Perform routine dental prophylaxis (manual and machine)*</i>		
b. Understand client education regarding home care*		
20. Calculate dosages of appropriate anesthetic-related drugs*		
21. <i>Administer anesthetic-related drugs by injection, mask, induction chamber or endotracheal tube*</i>		
22. <i>Place endotracheal tubes in patients when appropriate*</i>		
23. <i>Utilize clinical signs and appropriate equipment to monitor patient status in all stages of anesthetic procedures (e.g., esophageal stethoscope, Doppler, pulse oximeter)*</i>		
24. Evaluate patient and implement and evaluate pain management protocols*		
25. Recognize and respond appropriately to patients in compromised states*		
26. Perform appropriate resuscitation procedures as needed (e.g., calculate and administer appropriate anesthetic antagonists and emergency drugs as directed)*		
27. <i>Complete controlled substance log*</i> (does not need to be official controlled substance log; mock logs may be utilized)		
28. <i>Maintain and operate anesthetic delivery and monitoring equipment:</i>		
a. <i>Pulse oximeter*</i>		
b. <i>Esophageal stethoscope*</i>		
c. <i>Electrocardiograph (e.g., recognize abnormal rhythms/audible sounds, properly apply leads)*</i>		
d. <i>Anesthetic machines, including rebreathing systems, non-rebreathing systems induction chambers and masks*</i>		

e. <i>Endotracheal tubes*</i>		
f. <i>Resuscitation bag*</i>		
g. <i>Scavenging systems*</i>		
h. <i>Oxygen sources*</i>		
i. <i>Respiratory monitors*</i>		
j. <i>Blood pressure monitoring devices*</i>		
k. <i>Laryngoscopes*</i>		
29. It is essential that technicians have knowledge of routine surgical procedures and related equipment, including surgeries in these categories:		
a. <i>Ovariohysterectomy - dogs and cats*</i>		
b. <i>Cesarean section - all common species*</i>		
c. <i>Orthopedic procedures*</i>		
d. <i>Orchiectomy - all common species*</i>		
e. <i>Tail docking*</i>		
f. <i>Onychectomy - dogs and cats*</i>		
g. <i>Laparotomies - all common species*</i>		
h. <i>Dystocias in common species*</i>		
i. <i>Prolapsed organs - common types, species, and incidence*</i>		
30. Students must have participated in surgeries in these categories:		
a. <i>Ovariohysterectomy - dog*, cat*</i>		
b. <i>Orchiectomy - dog*, cat* and other common species</i>		
31. Properly identify patients and surgical procedures*		
32. Patient assessment		
a. <i>Organize medical records/consent forms*</i>		
b. <i>Review pre-operative evaluation*</i>		
c. <i>Evaluate current patient status*</i>		
d. <i>Coordinate anesthesia*</i>		
33. <i>Prepare surgical site using appropriate aseptic techniques*</i>		
34. <i>Position patient for common procedures*</i>		
35. Provide surgical assistance:		
a. <i>Assist with care of exposed tissues and organs*</i>		
b. <i>Keep operative records*</i>		
36. Coordinate pain management with the anesthesia/surgical team*		
37. Provide post-operative care:		
a. <i>Pain management*</i>		
38. Maintain proper operating room conduct and asepsis*		
39. <i>Perform post-surgical clean-up (e.g., equipment, instruments, room, proper disposal of hazardous medical waste)*(anesthesia)</i>		
40. <i>Develop and properly utilize radiographic technique charts*</i>		
41. Demonstrate an understanding of the modifications of diagnostic imaging techniques as they apply to mice, rats and guinea pigs *		
42. <i>Position dogs, cats and birds for radiographic studies*</i>		
43. <i>Utilize radiographic equipment to expose radiograph film (dental)</i>		
44. <i>Perform radiographic contrast studies — perform one of the following*:</i>		
a. <i>GI Series</i>		
b. <i>Pneumocystogram</i>		
c. <i>Intravenous urogram</i>		
d. <i>Other</i>		
45. <i>Perform radiographic techniques utilized in screening for canine hip dysplasia*</i>		

2653L Equipment List

	Owned	Available
Cardiac Oscilloscope		
Anesthesia machine - halothane & isoflurane		
Waste anesthetic gas scavenger		
Dental instruments		
Electrocardiograph		
Esophageal stethoscope		
Small animal oral dosing equipment		
Stethoscope		
Surgical Suction		
Ultrasonic Dental Cleaner		
Automatic Film Processor		

Calipers		
Film identification markers		
Radiation safety badges		
Lead Eyeglasses		
Water Blanket		
Non-rebreathing system		
Autoclave		
Electric clippers		
Endotracheal tubes		
Ophthalmoscope		
Otoscope		
Surgical Instruments		
Surgical Table		
X-ray Machine		
Aprons & Gloves, lead lined		
High speed/rare earth screens		
Lead Thyroid collar		

2656L Skills List

Primary Clinic

Secondary Clinic

1. Recognize groups of drugs, their mechanisms, and clinically relevant side effects (large animal)*		
2. Safely and effectively administer drugs by common parenteral and enteral routes; be able to explain appropriate routes and methods and when used* (large animal)		
3. Describe and use common animal identification methods (large animal)*		
4. Demonstrate effective and appropriate restraint techniques for various animal species:		
a. <i>Halter, tie, and lead horses*</i>		
b. <i>Restrain cattle and horses*</i>		
a. <i>Apply twitch (horses)* [Group]</i>		
b. <i>Apply bovine tail restraint*</i>		
c. <i>Apply bovine halter*</i>		
c. <i>Safely operate cattle chute* [Group]</i>		
5. <i>Demonstrate the ability to obtain objective patient data:</i>		
a. <i>Temperature (horse, cow)*</i>		
b. <i>Pulse (horse, cow)*</i>		
c. <i>Respiration (horse, cow)*</i>		
d. <i>Auscultate heart/lungs (horse, cow)*</i>		
6. <i>Perform venipuncture:</i>		
a. <i>Jugular (horse, ruminant)*</i>		
7. <i>Grooming:</i>		
a. <i>Apply equine tail and leg wraps*</i>		
8. <i>Environmental conditions: implement sanitation procedures for animal holding and housing areas* (large animal)</i>		
9. <i>Demonstrate understanding of permanent identification*</i>		
10. <i>Administer enteral medications:</i>		
a. <i>Balling gun (ruminant)*</i>		
b. <i>Dose syringe (ruminant, horse)*</i>		
11. <i>Administer topical medications (including eye meds)*</i>		
12. It is essential that technicians have knowledge of routine surgical procedures and related equipment, including surgeries in these categories:		
a. <i>Dehorning - cattle and goats*</i>		
13. <i>Perform microbiologic procedures/evaluations:</i>		
a. <i>Collect milk samples and conduct mastitis testing (e.g., CMT, bacterial culture)* [Group]</i>		
14. <i>Utilize radiographic equipment to expose radiograph film(portable units)*</i>		
15. <i>Position horses for radiographic studies*</i>		

2656L Equipment List

Owned

Available

Dehorning		
Emasculator		
Hoof Trimmers		
Large Animal Oral Dosing Equipment		
Cattle Chute		

Twitch		
Nose Tongs		
Oral speculum		
Portable x-ray machine		
Cassette holders		
Multi-dose syringes & Needles		
Ropes		
Nasogastric Tube		
Height & Weight Tape		
Hoof Pic		
Various Brushes (Grooming)		
Thermometers		
Leg Bandages/Material		
CMT Paddle		

2661 Skills List

	Primary Clinic	Secondary Clinic
1. Understand life stage energy and nutrient requirements of well animals (horse, cow)*		
2. Understand key nutritional factors in disease conditions (large animal)*		
3. Be familiar with therapeutic foods (large animal)*		
4. Recognize common domestic animal species and breeds (large animal)*		
5. Understand current developments in nutritional supplements and additives including benefits and potential toxicities (large animal)*		
6. It is essential that technicians have knowledge of routine surgical procedures and related equipment, including surgeries in these categories:		
a. Cesarean section - all common species (large animals)*		
b. Dystocias in common species (large animals)*		
c. Prolapsed organs - common types, species, and incidence*		

2710 Skills List

	Primary Clinic	Secondary Clinic
1. Recognize and respond to veterinary medical emergencies*		
2. Understand and identify substances that when ingested result in toxicity:		
a. Identify common poisonous plants*		
b. Be familiar with substances (organic and inorganic) that cause toxicity*		

2722 Skills List

	Primary Clinic	Secondary Clinic
1. Demonstrate an understanding of the modifications of diagnostic imaging techniques as they apply to birds, lizards, and amphibians*		
2. <i>Recognize, understand, and perform restraint techniques of birds*</i>		
3. <i>Restrain pocket pets and exotics</i>		
4. <i>Trim nails (birds, exotic/special species)*</i>		
5. Understand unique husbandry issues for each species (birds, reptiles, amphibians, guinea pigs, hamsters, gerbils, and ferrets) and provide client education*		
6. <i>Demonstrate the ability to obtain objective data: birds, reptiles, amphibians, and ferrets*</i>		

ATE 1943 - Work Experience I Skills List - Full Service Vet Clinic

Reception Area		
1. Greet clients and patients*		
2. Clean up of visiting area*		
3. Identify commonly used forms*		
Exam Room		
1. Prepare medication*		
2. Draw up vaccines*		
3. General Restraint - Dog		
a. Sitting*		
b. Standing*		
c. Lateral recumbency*		
4. General Restraint - Cat		
a. Sitting*		
b. Standing*		
c. Lateral recumbency*		
5. General Restraint - Bird		
6. Restraint for Venipuncture		
a. Dog cephalic*		
b. Dog jugular*		
c. Cat jugular*		
d. Cat femoral*		
e. Dog lateral saphenous*		
7. Express anal sacs		
8. Trim nails		
a. Dog*		
b. Cats*		
9. Collect fecal sample*		
10. Collect blood samples		
a. Cephalic vein		
b. Jugular vein		
c. Femoral vein		
d. Saphenous vein		
11. Clean up exam room*		
Laboratory		
1. Fecal exam		
a. Direct smear		
a. Set up*		
b. Read		
b. Flotation		
a. Set up*		
b. Read		
2. Heartworm check		
a. Direct smear*		
b. Antigen test		
3. Collect voided urinalysis*		
4. Clean up lab area*		

Treatment		
1. Subcutaneous injection		
2. Intramuscular injection		
3. Obtain patient temperature*		
4. Obtain and record patient weight*		
5. Obtain patient pulse*		
6. Obtain patient respiratory rate*		
7. Medicate eyes with ointment*		
8. Medicate eyes with drops*		
9. Medicate ears*		
10. Give tablet to a cat		
11. Give tablet to a dog		
12. Give liquid to a cat*		
13. Give liquid to a dog*		
14. Bandaging		
a. Apply abdominal wrap		
b. Apply declaw bandage		
c. Apply paw bandage		
15. Administer vaccine		
16. Record treatment(s) in patient record*		
Kennel and Ward Management		
1. Show proper feeding techniques*		
2. Show proper sanitation and disinfection techniques*		
3. Bathe dogs*		
4. Bathe cats*		
5. Show understanding of animal release procedures*		
6. Assure cleanliness for all animals*		
7. Prepare ID/cage card*		
8. Apply muzzle*		
9. Remove cat from a cage*		
10. Remove dog from a run w/ a leash*		

ATE 1944 - Work Experience II Skills List - Full Service Vet Clinic

Laboratory		
1. Fecal exam		
a. Set up and read direct smear*		
b. Set up and read floatation*		
c. Set up and read centrifuged sample*		
2. Heartworm check		
a. Set up direct smear*		
b. Read direct smear*		
c. Set up and read antigen test*		
3. Spin hematocrit tube*		
4. Read PCV/TP on spun on hematocrit tube*		
5. Prepare serum for blood chemistry*		
6. Send off lab specimens*		
7. DTM cultures		
a. Prepare fungal culture		
b. Read fungal results		
Exam Room		
1. Prepare medication*		
2. Calculate dose of medication (tabs)*		
3. Calculate dose of medication (injection)		
4. Draw up vaccines*		
5. General Restraint		
a. Dog		
a. Sitting*		
b. Standing*		
c. Lateral recumbency*		
b. Cat		
a. Sitting*		
b. Standing*		
c. Lateral recumbency*		
c. Bird		
6. Restraint for Venipuncture		
a. Dog cephalic*		
b. Dog jugular*		
c. Cat jugular*		
d. Cat femoral*		
e. Dog lateral saphenous*		
7. Express anal sacs*		
8. Trim nails		
a. Dog*		
b. Cat*		
9. Collect fecal sample using loop*		
10. Collect blood samples		
a. Cephalic vein*		
b. Jugular vein*		

c. Femoral vein		
d. Saphenous vein		
11. Clean up exam room*		
12. Perform physical exam*		
13. Clean ears*		
14. Catheterize female dog		
Treatment		
1. Subcutaneous injection*		
2. Intramuscular injection		
3. Obtain patient temperature*		
4. Obtain and record patient weight*		
5. Obtain patient pulse*		
6. Obtain patient respiratory rate*		
7. Medicate eyes with ointment*		
8. Medicate eyes with drops*		
9. Medicate ears*		
10. Give tablet to a cat		
11. Give tablet to a dog		
12. Give liquid to a cat		
13. Give liquid to a dog		
14. Bandaging		
a. Apply abdominal wrap		
b. Apply declaw bandage		
c. Apply paw bandage		
Surgical Nursing		
1. Identify the common surgical instruments		
2. Clean autoclave with autoclave cleaner		
3. Prepare chemical sterilization agents (cold sterile)		
4. Clean instruments and prepare for steam sterilization*		
5. Pack surgical instruments in a pouch*		
6. Organize surgical instruments in a tray and wrap for sterilization*		
7. Fold a surgical gown in proper way*		
8. Fold a surgical drape in accordion fashion*		
9. Prepare surgical site (clip hair, scrub skin, etc.)*		
10. Perform hand scrub procedure		
11. Don surgical attire (cap, mask, gown, gloves)		
12. Maintain/clean electric clippers (oil, grease, etc.)		
13. Position patients for routine surgical procedures:		
a. Canine neuter*		
b. Canine OHE*		
c. Feline neuter*		
d. Feline OHE*		
e. Front declaw		
f. Cesarean section		
g. Orthopedic		
h. Tail dock		

i. Dewclaws		
14. Assist as a sterile assistant		
15. Assist as a non-sterile assistant		
16. Maintain proper operating room conduct		
17. Describe technique for passing instrument or suture to surgeon		
Radiology		
1. Show knowledge of proper safety regulations*		
2. Set machine with the proper technique*		
3. Properly operate the foot pedal for exposure*		
4. Properly operate the standby and exposure buttons*		
5. Label radiographs properly*		
6. File radiographs properly*		
7. Process film manually		
8. Use automatic processor*		
9. Show proper restraint and positioning for:		
a. AP of the foreleg		
b. Lateral of the foreleg		
c. AP of the rear leg		
d. Lateral of the rear leg		
e. Lateral of the pelvis		
f. VD fog leg of the pelvis		
g. VD extended leg pelvis		
h. Lateral cervical vertebrae		
i. VD cervical vertebrae		
j. Lateral thoracic vertebrae		
k. VD thoracic vertebrae		
l. Lateral lumbar vertebrae		
m. VD lumbar vertebrae		
n. Lateral skull		
o. VD skull		
p. Open mouth skull		
q. Lateral abdomen*		
r. VD abdomen*		
s. Lateral thorax*		
t. VD thorax*		
Kennel and Ward Management		
1. Feeding methods and principles*		
2. Sanitation and disinfection*		
3. Bathe dogs		
4. Bathe cats		
5. Demonstrate understanding of release procedures		
6. Assure cleanliness of all animals*		
7. Verify performance of required treatments for hospitalized patients*		

ATE 2945 - Work Experience III Skills List - Full Service Vet Clinic & Animal Shelter

Reception Area		
1. Greet clients and patients		
2. Clean up of visiting area		
3. Make appointments		
4. Handle phone contacts		
5. Fill out a health certificate		
6. Fill out a rabies license		
7. Obtain medical history for a record		
8. Total a bill		
9. Use computer to input charges		
10. Complete euthanasia release		
11. Admit boarder		
12. File records properly		
13. Explain proper medicating techniques		
14. Explain hospital policies		
Exam Room		
1. Obtain patient temperature*		
2. Determine patient pulse rate*		
3. Use of proper medical terminology*		
4. Identify common dog breeds		
5. Identify common cat breeds		
6. Proper restraint for a dog*		
7. Proper restraint for a cat*		
8. Proper restraint for a bird		
9. Demonstrate proper use of a stethoscope*		
10. Explain common parasite lifecycles:		
a. Hookworm		
b. Roundworm		
c. Whipworm		
d. Tapeworm		
11. Fecal sample collection*		
12. Blood sample collection*		
13. Skin scrape*		
14. Physical exam*		
15. Draw up vaccines*		
16. Clip nails*		
17. Express anal sacs		
18. Clean ears*		
19. Stain cornea		
20. Proper entry into medical records*		
21. Prepare medications for dispensing*		
Laboratory		
1. Fecal exam		
a. Set up direct smear*		
b. Read direct smear*		

c. Set up floatation*		
d. Read floatation*		
e. Set up centrifuged sample*		
2. Heartworm check		
a. Direct smear*		
b. Knotts		
c. Millipore		
d. Occult*		
3. Identify blood parasites/abnormalities		
a. Haemobartonella		
b. Heinz bodies		
4. Identify dermatologic parasites		
a. Demodex		
b. Sarcoptes		
5. PCV*		
6. WBC		
a. Hemocytometer		
b. Cell counter		
c. Absolute value calculations		
7. Platelet count		
8. Reticulocyte count		
9. Urinalysis		
a. Sample collection		
b. Physical properties		
c. Chemical properties		
d. Microscopic exam		
10. Feline Leukemia testing*		
11. Preparation of serum for blood chemistry*		
12. Use of serometer		
a. BUN		
b. Blood glucose		
13. DTM culture		
14. Vaginal cytology		
Pharmacy and Pharmacology		
1. Calculate dosages of a tablet*		
2. Calculate dosages of an injection*		
3. Use weights and measures correctly*		
4. Show correct handling and storage of drugs*		
5. Prepare medications with proper labeling*		
6. Record dispensing of medication in record*		
Treatment		
1. Subcutaneous injection*		
2. Intramuscular injection		
3. Obtain patient temperature*		
4. Obtain patient weight*		
5. Obtain patient pulse*		
6. Obtain patient respiratory rate*		

7. Medicate eyes with ointment*		
8. Medicate eyes with drops*		
9. Medicate ears*		
10. Give tablet to a cat*		
11. Give tablet to a dog*		
12. Insert IV catheter		
13. Calculate dose of IV fluids		
14. Nasogastric intubation		
15. Oralgastric intubation		
16. Handle and administer vaccines*		
17. Give enema		
18. Apply ear hematoma bandage		
19. Apply abdominal wrap		
20. Apply declaw bandage		
21. Apply paw bandage		
22. Express bladder on a cat		
23. Express bladder on a dog		
24. Obtain blood sample from cephalic*		
25. Obtain blood sample from femoral*		
26. Obtain blood sample from saphenous*		
27. Obtain blood sample from jugular*		
28. Infuse anal sacs		
29. Administer blood from donor		
Anesthesia/Surgery		
1. Calculate dosages of anesthetic		
2. Prepare anesthetic supplies		
3. Set up surgical area		
4. Induce anesthesia IV		
5. Induce anesthesia via mask		
6. Insert endotracheal tube		
7. Perform surgical prep on patient*		
8. Demonstrate knowledge of anesthetic machine parts*		
9. Perform surgical assistance*		
10. Monitor anesthesia*		
11. Prepare surgical pack*		
12. Clean surgical area*		
13. Autoclave surgical instruments		
Radiology		
1. Implement safety measures		
2. Use technique charts properly		
3. Prepare technique chart		
4. Use caliper correctly		
5. Show proper film labeling		
6. Position and restrain for:		
a. Foreleg		

b. Chest		
c. Abdomen		
d. Pelvis		
e. Vertebral column		
f. Skull		
7. Show proper use of the machine		
8. Replace developer and fixer solutions		
9. Show proper film filing techniques		
10. Show proper care of cassettes		
11. Show proper maintenance of radiation equipment		
Ward Management		
1. Show proper feeding techniques*		
2. Show proper sanitation and disinfection techniques*		
3. Bathe dogs		
4. Bathe cats		
5. Show understanding of different shampoos		
6. Show understanding of animal release procedures		
7. Assure cleanliness for all animals*		
8. Demonstrate understanding of treatment schedule*		

ATE 2946 - Work Experience IV Skills List - Full Service Vet Clinic & Emergency Clinic

Reception Area		
1. Greet clients and patients*		
2. Clean up of visiting area		
3. Make appointments		
4. Handle phone contacts		
5. Fill out a health certificate		
6. Fill out a rabies license		
7. Obtain medical history for a record*		
8. Total a bill		
9. Use computer to input charges		
10. Complete euthanasia release		
11. Admit boarder		
12. File records properly		
13. Explain proper medicating techniques		
14. Explain hospital policies		
15. Knowledge of ethics and jurisprudence		
Exam Room		
1. Obtain patient temperature*		
2. Determine patient pulse rate*		
3. Determine patient respiratory rate*		
4. Use of proper medical terminology*		
5. Identify common dog breeds		
6. Identify common cat breeds		
7. Proper restraint of a dog*		
8. Proper restraint of a cat*		
9. Proper restraint of a bird		
10. Demonstrate proper use of a stethoscope*		
11. Explain common parasite life cycles:		
a. Hookworm		
b. Roundworm		
c. Whipworm		
d. Tapeworm		
12. Fecal sample collection		
13. Blood sample collection*		
14. Skin scrape		
15. Physical exam*		
16. Draw up vaccines		
17. Clip nails		
18. Express anal sacs		
19. Clean ears		
20. Stain cornea		
21. Proper entry into medical records*		
22. Prepare medications for dispensing*		

Laboratory		
1. Fecal exam		
a. Direct smear		
b. Floatation		
c. Centrifuged method		
2. Heartworm check		
a. Direct smear		
b. Knotts		
c. Millipore		
d. Occult		
3. Identify blood parasites/abnormalities		
a. Haemobartonella		
b. Heinz bodies		
4. Skin scraping		
a. Demodex		
b. Sarcoptes		
5. PCV*		
6. WBC		
a. Hemocytometer		
b. Cell counter*		
c. Absolute value calculations		
7. Platelet count		
8. Reticulocyte count		
9. Urinalysis		
a. Sample collection		
b. Physical properties		
c. Chemical properties		
d. Microscopic exam		
10. Feline Leukemia testing		
11. Preparation of serum for FeLV and/or FIV testing		
12. Preparation of serum for blood chemistry*		
13. Use of serometer		
a. BUN		
b. Blood glucose		
14. DTM culture		
15. Vaginal cytology		
16. Collection & prep of bacterial samples		
17. Preparation of histopath samples		
Pharmacy and Pharmacology		
1. Understand normal routes of administration of common medication*		
2. Able to recognize abnormal response to medications		
3. Calculate dosages of tablet		
4. Calculate dosages of an injection		
5. Use weights and measures correctly		
6. Show correct handling and storage of drugs		
7. Prepare medications with proper labeling		
8. Record dispensing of medication in record*		

9. Demonstrate knowledge of the types and groups of drugs in the hospital*		
10. Correct handling of controlled substance		
11. Understanding of inventory control		
Treatment		
1. Subcutaneous injection*		
2. Intramuscular injection		
3. Obtain patient weight*		
4. Obtain patient pulse*		
5. Obtain patient respiratory rate*		
6. Medicate eyes with ointment		
7. Medicate eyes with drops		
8. Medicate ears		
9. Give tablet to a cat		
10. Give tablet to a dog		
11. Give liquid to a cat		
12. Give liquid to a dog		
13. Insert IV catheter*		
14. Calculate dose of IV fluids*		
15. Nasogastric intubation		
16. Oralgastic intubation		
17. Handle and administer vaccines		
18. Give enema		
19. Apply ear hematoma bandage		
20. Apply abdominal wrap*		
21. Apply declaw bandage		
22. Apply paw bandage*		
23. Express bladder on a cat		
24. Express bladder on a dog		
25. Obtain blood sample from cephalic*		
26. Obtain blood sample from femoral*		
27. Obtain blood sample from saphenous*		
28. Obtain blood sample from jugular*		
29. Infuse anal sacs		
30. Administer blood from donor		
Anesthesia/Surgery		
1. Calculate dosages of anesthetic*		
2. Prepare anesthetic supplies*		
3. Set up surgical area*		
4. Induce anesthesia IV		
5. Induce anesthesia via mask		
6. Insert endotracheal tube		
7. Perform surgical prep on patient		
8. Show knowledge of anesthetic machine parts		
9. Perform surgical assistance		
10. Monitor anesthesia		

11. Prepare surgical pack		
12. Clean surgical area		
13. Autoclave surgical instruments		
Radiology		
1. Implement safety measures*		
2. Use technique charts properly*		
3. Prepare technique chart*		
4. Use caliper correctly*		
5. Show proper film labeling*		
6. Position and restrain for:		
a. Foreleg*		
b. Chest*		
c. Abdomen*		
d. Pelvis		
e. Vertebral column		
f. Skull		
g. Barium series (GI series)		
h. IVP		
7. Show proper use of the machine*		
8. Show proper care of cassettes*		
9. Show proper maintenance of radiation equipment*		
10. Replace developer and fixer solution		
11. Show proper film filing techniques		
Ward Management		
1. Show proper feeding techniques*		
2. Show proper sanitation and disinfection techniques*		
3. Bathe dogs		
4. Bathe cats		
5. Show understanding of different shampoos		
6. Show understanding of animal release procedures		
7. Assure cleanliness for all animals*		
8. Show understanding for treatment schedule*		