

Cover Sheet: Request 10003

VEM 5XXX Shelter Practice Clerkship

Info

Process	Course New Ugrad/Pro
Status	Pending
Submitter	Spencer,Terry G tspencer@ufl.edu
Created	2/2/2015 6:40:06 PM
Updated	2/4/2015 9:16:56 AM
Description	One in 20 cats and dogs in the US enters an animal shelter every year. Students in the two-week elective Shelter Practice Clerkship will learn how to care for these animals as individuals and as a population via an immersive, hands-on experience in an animal shelter. Students will participate in all aspects of shelter practice, including population medicine, behavior assessment and modification, zoonotic and species-specific infectious disease control, facilities management, sanitation, animal welfare, ethics, cultural diversity, and public policy. Students will also participate in individual animal care via performance of primary care diagnosis and treatment procedures of cats and dogs. Students may elect to spend time with shelter personnel and animal control officers in the field to learn more about shelter operations. Students may also participate in forensic cases as opportunities arise.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	VM - Small Animal Clinical Sciences 312809000	MILNER, ROWAN JAMES		2/3/2015
College	Approved	VM - College of Veterinary Medicine	Peck, Ammon B		2/3/2015
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			2/3/2015
Statewide Course Numbering System					
Office of the Registrar					
Student Academic Support System					
Catalog					
College Notified					

Recommended SCNS Course Identification

1. Prefix VEM 2. Level Select 3. Number 5XXX 4. Lab Code Select

5. Course Title Shelter Practice Clerkship

6. Transcript Title (21 character maximum) Shelter Practice Clerkship

7. Effective Term
Earliest Available

8. Effective Year 2015

9. Rotating Topic? No

10. Amount of Credit 2

11. If variable, # minimum and # maximum credits per semester.

12. Repeatable credit? Yes

13. If yes, total repeatable credit allowed 1

14. S/U Only? No

15. Contact Type Regularly Scheduled [base hr]

16. Degree Type Professional

17. If other, please specify: [Click here to enter text.](#)

18. Category of Instruction Advanced

19. Course Description

Students will practice individual and population level medicine via an immersive experience in an animal shelter. This will include primary diagnosis and treatment of shelter animals, preventive care, behavior modification, zoonotic and species-specific infectious disease control, facilities management, sanitation, animal welfare, ethics, cultural diversity, and public policy.

20. Prerequisites

Junior or senior veterinary student, Phase 3 in Veterinary Curriculum

21. Co-requisites

None

22. Rationale and Placement in Curriculum

Animal shelter practice is an emerging specialty in veterinary medicine, and there is currently a large unmet societal need for experienced shelter practitioners. This course will provide students interested in shelter practice with essential hands-on training in animal shelter practice and management to succeed and thrive as an entry-level shelter practitioner. Students may enroll following completion of their second year of the veterinary curriculum.

23. Complete the syllabus checklist on the next page of this form.

Syllabus Requirements Checklist

The University's complete Syllabus Policy can be found at:

http://www.aa.ufl.edu/Data/Sites/18/media/policies/syllabi_policy.pdf

The syllabus of the proposed course **must** include the following:

- ☒ Course title
- ☒ Instructor contact information (if applicable, TA information may be listed as TBA)
- ☒ Office hours during which students may meet with the instructor and TA (if applicable)
- ☒ Course objectives and/or goals
- ☒ A weekly course schedule of topics and assignments.
- ☒ Methods by which students will be evaluated and their grades determined
- ☒ Information on current UF grading policies for assigning grade points. This may be achieved by including a link to the appropriate undergraduate catalog web page:
<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.
- ☒ List of all required and recommended textbooks
- ☒ Materials and Supplies Fees, if any
- ☒ A statement related to class attendance, make-up exams and other work such as: *"Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found in the online catalog at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>."*
- ☒ A statement related to accommodations for students with disabilities such as: *"Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation."*
- ☒ A statement informing students of the online course evaluation process such as: *"Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>."*

It is **recommended** that the syllabus contain the following:

- ☒ Critical dates for exams or other work
- ☒ Class demeanor expected by the professor (e.g. tardiness, cell phone usage)
- ☒ The university's honesty policy regarding cheating, plagiarism, etc.

Suggested wording: UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (<http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

- ☒ Contact information for the Counseling and Wellness Center: <http://www.counseling.ufl.edu/cwc/>, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies

University of Florida College of Veterinary Medicine Syllabus Template

I. Course information

Number: VEM 5XXX
Course Title: Shelter Practice Clerkship
Phase: Three (Special Elective)
Semester: 2-Week Block Schedule - 9 of every 12 months of calendar year
Year: Every Year
Course credit: 2
Students on Rotation: Minimum 1, Maximum 4 (more by special arrangement with supervising clinician)

II. General information

Course director: Dr. Cynda Crawford
Office location & office hours: SAH 348; office hours by appointment
Office phone number: 352-273-8723
Email: CrawfordC@ufl.edu
Mobile: 352-258-9263

Course Faculty: Dr. Julie Levy, Dr. Terry Spencer

III. Course description

Overview:

One in 20 cats and dogs in the US enters an animal shelter every year. Students in the two-week elective Shelter Practice Clerkship will learn how to care for these animals as individuals and as a population via an immersive, hands-on experience in an animal shelter. Students will participate in all aspects of shelter practice, including population medicine, behavior assessment and modification, zoonotic and species-specific infectious disease control, facilities management, sanitation, animal welfare, ethics, cultural diversity, and public policy. Students will also participate in individual animal care via performance of primary care diagnosis and treatment procedures of cats and dogs. Students may elect to spend time with shelter personnel and animal control officers in the field to learn more about shelter operations. Students may also participate in forensic cases as opportunities arise.

Course goals:

Provide students with hands-on training in an animal shelter to understand the critical role played by veterinarians in protecting the health and welfare of sheltered dogs and cats and to recognize and respond to compromised physical and behavioral health conditions.

Course Objectives:

Students who complete the clerkship successfully will:

1. Apply biosecurity protocols designed to minimize risk of spreading pathogens or acquiring an infectious disease in the shelter environment.
2. Apply procedures for shelter animal intake; including initial assessment, preventive health care, and urgent care.
3. Assess cat and dog behavior and develop behavioral management plans to assure animal welfare and public safety.
4. Conduct population management rounds and medical/behavioral health rounds and make appropriate action plans to protect animal health and improve outcomes for shelter pets.

5. Diagnose and treat common medical, behavioral, and surgical problems in shelter animals.
6. Demonstrate low-stress, safe, and humane animal handling methods when working with shelter pets.
7. Demonstrate proper medical recordkeeping and maintain appropriate drug logs for procedures conducted in the animal shelter.
8. Identify practices in the shelter setting that contribute to signs of compassion-fatigue and/or burn-out and discuss preventive strategies.
9. Use the Association of Shelter Veterinarians (ASV) Guidelines for Standards of Care in Animal Shelters as a guide for the practice of veterinary medicine in a shelter environment.

Course schedule:

This is an elective full-time two-week clinical rotation in a local animal shelter. Students will report to the shelter at 8 am Monday-Friday and can expect to remain on duty until 6 pm. Animal treatment duty may be required during occasional after hours or weekend periods.

Course prerequisites:

Phase 3, Junior or Senior ranking in the CVM.

IV. Course Materials

Required texts:

Association of Shelter Veterinarians Guidelines for Standards of Care in Animal Shelters

Recommended texts:

Infectious Disease Management in Animal Shelters

Shelter Medicine for Veterinarians and Staff

BSAVA Manual of Canine and Feline Behavioural Medicine

Additional Resources/Equipment:

Stethoscope, scrub tops and bottoms, closed-toe and water resistant shoes, any special needs items (such as latex-free gloves)

V. Evaluation/Grading:

Clinical competencies evaluated (satisfactory/unsatisfactory):

A complete checklist of required “Clinical SLO” procedures is provided at the beginning of each clerkship rotation. The student is responsible for assuring that required procedures are signed off by a clinician or technician throughout the rotation.

Students receive a letter grade on the following clinical assignments according to: knowledge of subject area, performance, professional attitude, readiness to practice, and satisfactory completion of required clinical SLOs. All clinicians, house officers, and technicians present in the clerkship contribute in the grading process. The grade also includes teamwork, respect, promptness, alertness, reliability, attitude, and attendance behaviors expected of a medical professional.

Shelter Animal Behavior: Demonstrate safe and humane animal handling techniques and appropriate use of handling equipment on both cats and dogs; recognize signs of poor welfare; perform systematic evaluation of body language and behavior; develop a treatment plan to address behavior and welfare deficiencies.

Shelter Rounds: Lead at least one session each of medical/behavior rounds and population management rounds; create an action list and delegate assigned activities.

Diagnosis and Treatment: Demonstrate completion of a physical examination for both cats and dogs; enter findings into the electronic medical record; create a problem list, differential list, and plan appropriate for the animal's condition within the resources of the shelter. Demonstrate collection and processing of diagnostic samples, including blood collection, heartworm test, retroviral test, fecal flotation, skin scrape, ringworm screen, scan for and implant an identification microchip; recognize signs of pain and develop analgesia plan.

Intake Procedures: Perform intake procedures for both cats and dogs including: initialize the electronic medical record; physical and behavioral screen; select and administer appropriate vaccines and parasite treatments; scan for microchip and describe tracking process; select housing; demonstrate safe and humane animal handling; create an action plan for any immediate needs.

Standard Operating Procedure: Critique one existing shelter protocol affecting shelter animal health and revise to assure best practices aligned with industry guidelines, readability, and cost-effectiveness.

VI. Attendance:

The instructor should be contacted prior to absences when possible. Unexcused and unexplained absenteeism will result in a lowered grade or an Incomplete. Make up clinic days may be required. Requirements for attendance, assignments, and other work in this course are consistent with university policies that can be found at:

<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>. Grade points will be assigned according to the UF policies found at <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

VII. Administrative Policies:

See the CVM Student Handbook at <http://education.vetmed.ufl.edu/student-services/student-handbook-pdf/> for complete policies regarding clinical clerkships.

VIII. Other information:

Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu> on the final day of the clerkship. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

UF students are bound by The Honor Pledge, which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: 'On my honor, I have neither given nor received unauthorized aid in doing this assignment.'" The Honor Code (<http://www.dso.ufl.edu/sccr/process/student-conduct-honorcode/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

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Shelter Practice Clerkship

(VEM 5XXX) (Special Elective - 2 weeks) - Updated 2/2/2015

Brief Description of Service

Learning Objectives: Participate in all aspects of shelter practice for populations of pets served by a local animal shelter: including population rounds, data collection and analysis, infectious disease control, animal welfare assessment, disease outbreak management, facilities management, public health and safety, and outcome planning. Apply primary care skills to the management of individual homeless, diseased, and injured animals in order to prepare each pet for the most appropriate outcome, including the application of preventive medicine, diagnostic medicine, behavior assessments, behavior modification, medical treatment, forensic medicine, medical recordkeeping, nutrition, housing, and biosecurity. Communicate about shelter animal medical and behavioral care and treatments with faculty, house officers, shelter staff, volunteers, pet owners, potential adopters, and representatives from animal rescue agencies by keeping electronic and paper medical records, developing standard operating procedures, preparing budget estimates, and creating checklists, signage, and hand-outs appropriate for the shelter audience.

Species Treated in the Service: Primarily dogs and cats.

Teaching Rounds: Daily participation required in medical/behavioral and population rounds. Each student will lead rounds at least once during the rotation. Rounds may be held more than once daily depending on the shelter population.

Patient Responsibilities: Students will take primary responsibility for assigned cases from intake to outcome, including examination, treatment, surgery, record-keeping, and communication, under the supervision of a clinician. Students may elect participate in field investigations by riding along with an Animal Control Officer for one day during the rotation.

Assignments for the Rotation:

Shelter Animal Behavior: Demonstrate safe and humane animal handling techniques and appropriate use of handling equipment on both cats and dogs; recognize signs of poor welfare; perform systematic evaluation of body language and behavior; develop a treatment plan to address behavior and welfare deficiencies.

Shelter Rounds: Lead at least one session each of medical/behavior rounds and population management rounds; create an action list and delegate assigned activities.

Diagnosis and Treatment: Demonstrate completion of a physical examination for both cats and dogs; enter findings into the electronic medical record; create a problem list, differential list, and plan appropriate for the animal's condition within the resources of the shelter. Demonstrate collection and processing of diagnostic samples, including blood collection, heartworm test, retroviral test, fecal flotation, skin scrape, ringworm screen, scan for and implant an identification microchip; recognize signs of pain and develop analgesia plan.

Intake Procedures: Perform intake procedures for both cats and dogs including: initialize the electronic medical record; physical and behavioral screen; select and administer appropriate vaccines and parasite treatments; scan for microchip and describe tracking process; select housing; demonstrate safe and humane animal handling; create an action plan for any immediate needs.

Standard Operating Procedure: Critique one existing shelter protocol affecting shelter animal health and revise to assure best practices aligned with industry guidelines, readability, and cost-effectiveness.

Faculty on Service (may vary during the year):

Clerkship Coordinator: Cynda Crawford

Faculty on Service: Julie Levy, Terry Spencer

Typical Clinic Hours:

Weekdays: 8 am to 6 pm. Students will need to provide their own daily transportation to and from the local shelter. There are no nearby restaurants, so students will also need to bring their lunch daily to the shelter.

Nights: Occasional 6 pm to 8 pm, as needed for emergencies or special treatments.

Weekends: Occasional depending on the caseload presented to the shelter (i.e. intake of a large cruelty case, adoption event, pet with special needs, etc.), and as needed for emergencies or special treatments.

Prerequisites: Phase 3--Junior or senior status. VEM 5321 Integrating Veterinary Medicine with Shelter Systems is excellent preparation for the clerkship, but not required.

Case Load Variables (time of year, etc.): Caseload varies from day to day. Highest intake occurs during “kitten season” in the spring and summer months.

Required Attire and Supplies: Closed-toe shoes that are water resistant, stethoscope, matching scrub top and bottoms, change of clothes in case become soiled or exposed to infectious disease agent; lunch; supply of any special needs items, (such as latex-free exam or surgeon’s gloves, etc.).

Is this likely to be the only time the skill is available?	Required for rotation?	opportunity for SLO is definite, likely, or possible	Evaluators? (Clinicians - C, Service Techs - T, and/or other techs - O)	Procedure	Discipline	Core?	Track	Live animal required?	Minimum number required	Clinical competency addressed?
N	N	P		Calculate dose and administer anesthetic agents	Anesthesia and pain management	Yes		No	2	Anesthesia and pain management, patient welfare
N	N	P		Develop a postoperative analgesic plan	Anesthesia and pain management	Yes		Yes	2	Anesthesia and pain management, patient welfare
N	Y	D	C	Develop an analgesic plan for non surgical pain	Anesthesia and pain management	Yes		No	2	Anesthesia and pain management, patient welfare
N	Y	D	C	Identify signs of pain in a patient	Anesthesia and pain management	Yes		Yes	2	Anesthesia and pain management, patient welfare
N	N	P		Intubate a patient	Anesthesia and pain management	Yes		Yes	1	Anesthesia and pain management, patient welfare
N	N	P		Monitor anesthesia	Anesthesia and pain management	Yes		Yes	2	Anesthesia and pain management, patient welfare
N	N	P		Recover anesthetized patient	Anesthesia and pain management	Yes		Yes	2	Anesthesia and pain management, patient welfare
N	N			Sedate animal- Large Animal	Anesthesia and pain management	Yes		Yes	1	Anesthesia and pain management, patient welfare
N	N	L		Sedate animal- Small Animal	Anesthesia and pain management	Yes		Yes	1	Anesthesia and pain management, patient welfare
N	Y	D	C,T	Correctly operate a microscope	Clinical pathology/laboratory testing	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Harvest serum from clotted blood	Clinical pathology/laboratory testing	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Interpret a body cavity fluid analysis	Clinical pathology/laboratory testing	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Interpret a CBC	Clinical pathology/laboratory testing	Yes		No	5	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Interpret a chemistry profile	Clinical pathology/laboratory testing	Yes		No	5	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Interpret a urinalysis	Clinical pathology/laboratory testing	Yes		No	5	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Prepare and perform a complete urinalysis	Clinical pathology/laboratory testing	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	Y	D	C,T	Prepare, perform and interpret fecal smear for parasites	Clinical pathology/laboratory testing	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	Y	D	C,T	Prepare, perform, and interpret fecal flotation for parasites	Clinical pathology/laboratory testing	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Prepare, stain and examine a blood smear	Clinical pathology/laboratory testing	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Correctly interpret a FAST ultrasound exam	Diagnostic imaging	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Correctly interpret a musculoskeletal radiograph	Diagnostic imaging	Yes		No	5	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Correctly interpret a thoracic radiograph	Diagnostic imaging	Yes		No	5	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Correctly interpret an abdominal radiograph	Diagnostic imaging	Yes		No	5	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Abdominocentesis	Diagnostic procedures/sample collection	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			apply hoof testers - Equine	Diagnostic procedures/sample collection	No	LA, EQ	Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Apply hoof testers- Ruminant	Diagnostic procedures/sample collection	No	LA, FA	Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Arthrocentesis or Intra-articular Injection	Diagnostic procedures/sample collection	Yes		No	1	Comprehensive treatment planning, including patient referral when indicated
N	N	P		Assist in a complete necropsy	Diagnostic procedures/sample collection	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Caudal epidural- Large Animal	Diagnostic procedures/sample collection	No	LA, FA, EQ	No	1	Comprehensive treatment planning, including patient referral when indicated
N	N	P		Collect and process samples for microbiological study	Diagnostic procedures/sample collection	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	Y	D	C,T	Collect and set up Dermatophyte culture	Diagnostic procedures/sample collection	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Cystocentesis- Canine	Diagnostic procedures/sample collection	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Cystocentesis- Feline	Diagnostic procedures/sample collection	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	D		Jugular venipuncture- Canine	Diagnostic procedures/sample collection	Yes		Yes	1	Comprehensive treatment planning, including patient referral when indicated
N	N	D		Jugular venipuncture- Feline	Diagnostic procedures/sample collection	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Local anesthetic nerve block- Large Animal	Diagnostic procedures/sample collection	No	LA, EQ	No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Local anesthetic regional block- Large Animal	Diagnostic procedures/sample collection	No	LA, EQ	No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Make a diagnostic smear of a fine needle aspirate sample	Diagnostic procedures/sample collection	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Measure and interpret a blood pressure reading	Diagnostic procedures/sample collection	Yes		Yes	1	Basic medicine skills, experience, and case management
N	Y	D	C,T	Measure and interpret a pulse oximeter reading	Diagnostic procedures/sample collection	Yes		Yes	1	Basic medicine skills, experience, and case management
N	N			Obtain an intraocular pressure	Diagnostic procedures/sample collection	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Pass nasogastric tube- Equine	Diagnostic procedures/sample collection	No	LA, EQ	Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Pass orogastric tube- Ruminant	Diagnostic procedures/sample collection	No	LA, FA	Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Perform a flourescein eye stain	Diagnostic procedures/sample collection	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Perform a Schirmer tear test	Diagnostic procedures/sample collection	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Perform a skin biopsy	Diagnostic procedures/sample collection	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	Y	D	C,T	Perform a skin scraping	Diagnostic procedures/sample collection	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Perform and interpret ECG- Any species	Diagnostic procedures/sample collection	Yes		Yes	5	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Perform and interpret ECG- Small Animal	Diagnostic procedures/sample collection	No	SA	Yes	2	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Perform ECG- Large Animal	Diagnostic procedures/sample collection	No	LA, EQ, FA	Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	Y	D	C,T	Peripheral venipuncture- Small Animal	Diagnostic procedures/sample collection	Yes		Yes	2	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Thoracocentesis	Diagnostic procedures/sample collection	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Urinary catheterization	Diagnostic procedures/sample collection	Yes		Yes	1	Comprehensive treatment planning, including patient referral when indicated
N	N			Urine collection- Ruminant	Diagnostic procedures/sample collection	Yes		Yes	1	Comprehensive treatment planning, including patient referral when indicated
N	N			Venipuncture- Equine	Diagnostic procedures/sample collection	Yes		Yes	1	Comprehensive treatment planning, including patient referral when indicated
N	N			Venipuncture- Ruminant	Diagnostic procedures/sample collection	Yes		Yes	1	Comprehensive treatment planning, including patient referral when indicated
N	N			Within a case scenario, interpret endocrine laboratory results	Diagnostic procedures/sample collection	Yes		No	2	Basic medicine skills, experience, and case management
N	N			Bovine restraint with head gate	Husbandry and restraint	No	LA, FA	Yes	1	Basic medicine skills, experience, and case management
N	N			Bovine tail restraint	Husbandry and restraint	No	LA, FA	Yes	1	Basic medicine skills, experience, and case management
N	N			Capture, lead and halter a horse	Husbandry and restraint	Yes		Yes	1	Basic medicine skills, experience, and case management
N	N			Demonstrate quick-release tie	Husbandry and restraint	No	LA, FA, EQ	No	1	Basic medicine skills, experience, and case management
N	Y	D	C,T	Perform proper restraint on cats	Husbandry and restraint	Yes		Yes	1	Basic medicine skills, experience, and case management
N	Y	D	C,T	Perform proper restraint on dogs	Husbandry and restraint	Yes		Yes	1	Basic medicine skills, experience, and case management
N	N			Place a nose twitch on a horse	Husbandry and restraint	No	LA, EQ	Yes	1	Basic medicine skills, experience, and case management
N	N	P		Complete patient discharge instructions	Medical record/problem oriented approach	Yes		No	5	Client communication and ethical conduct
N	Y	D	C	Create appropriate differential list, and choose appropriate further tests	Medical record/problem oriented approach	Yes		Yes	10	Basic medicine skills, experience, and case management
N	Y	D	C	Define chief complaint and problem list	Medical record/problem oriented approach	Yes		No	10	Basic medicine skills, experience, and case management
N	Y	D	C	Demonstrate ability to present case findings and summarize conclusions in writing	Medical record/problem oriented approach	Yes		No	10	Basic medicine skills, experience, and case management
N	Y	D	C	Demonstrate ability to present case findings and summarize conclusions verbally	Medical record/problem oriented approach	Yes		No	10	Basic medicine skills, experience, and case management
N	Y	D	C	Succinctly state and organize patient details in SOAP format, using a problem-oriented approach	Medical record/problem oriented approach	Yes		No	10	Basic medicine skills, experience, and case management

Is this likely to be the only time the skill is available?	Required for rotation?	opportunity for SLO is definite, likely, or possible	Evaluators? (Clinicians - C, Service Techs - T, and/or other techs - O)	Procedure	Discipline	Core?	Track	Live animal required?	Minimum number required	Clinical competency addressed?
N	Y	D	C	Take a history	Medical record/problem oriented approach	Yes		No	10	Client communication and ethical conduct
N	N	L		Administer IM medications	Patient management/Treatment	Yes		Yes	1	Comprehensive treatment planning, including patient referral when indicated
N	N	L		Administer IV medications	Patient management/Treatment	Yes		Yes	1	Comprehensive treatment planning, including patient referral when indicated
N	Y	D	C,T	Administer oral medications	Patient management/Treatment	Yes		Yes	1	Comprehensive treatment planning, including patient referral when indicated
N	Y	D	C,T	Administer SC medications	Patient management/Treatment	Yes		Yes	1	Comprehensive treatment planning, including patient referral when indicated
N	N			Apply a cast	Patient management/Treatment	Yes		No	1	Basic surgery skills, experience, and case management
N	N			Apply bandage or bandage and splint to limb- Large Animal	Patient management/Treatment	Yes		No	1	Comprehensive treatment planning, including patient referral when indicated
N	N	P		Apply bandage- Small Animal	Patient management/Treatment	Yes		No	1	Basic surgery skills, experience, and case management
N	N	P		Apply modified Robert Jones bandage- Small Animal	Patient management/Treatment	Yes		No	1	Basic surgery skills, experience, and case management
N	N	D		Assist in euthanasia	Patient management/Treatment	Yes		Yes	1	Comprehensive treatment planning, including patient referral when indicated
N	N			Calculate Constant Rate Infusion-	Patient management/Treatment	Yes		No	5	Basic medicine skills, experience, and case management
N	Y	D	C,T	Calculate drug dosage when given concentration, dose, and body weight of patient	Patient management/Treatment	Yes		No	10	Comprehensive treatment planning, including patient referral when indicated
N	Y	D	C,T	Calculate fluid therapy regimen	Patient management/Treatment	Yes		No	10	Comprehensive treatment planning, including patient referral when indicated
N	Y	D	C,T	Calculate nutritional requirements	Patient management/Treatment	Yes		No	5	Comprehensive treatment planning, including patient referral when indicated
N	Y	D	C	Competently diagnose and recommend treatment/prevention of common parasitic diseases	Patient management/Treatment	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	Y	D	C,T	Demonstrate the appropriate use of personnel protective equipment (PPE) for zoonotic diseases	Patient management/Treatment	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Perform "floating" of enamel points - equine	Patient management/Treatment	No	LA, EQ	No	1	Comprehensive treatment planning, including patient referral when indicated
N	N	L		Place and secure an intravenous catheter	Patient management/Treatment	Yes		Yes	5	Basic medicine skills, experience, and case management
N	N	L		Set up and maintain IV fluid delivery system	Patient management/Treatment	Yes		Yes	5	Basic medicine skills, experience, and case management
N	N	P		Write an accurate prescription	Patient management/Treatment	Yes		No	10	Comprehensive treatment planning, including patient referral when indicated
N	N	D		Document oral exam findings on a dental chart	Physical examination skills	Yes		No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Assess status of mammary glands	Physical examination skills	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	Y	D	C,T	Assign body condition score	Physical examination skills	Yes		Yes	10	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Dental examination and placement of mouth speculum- Equine	Physical examination skills	No	LA, EQ	No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Estimate age of a horse	Physical examination skills	No	LA, EQ	No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Flexion test- Large Animal	Physical examination skills	No	LA, EQ	Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Perform a cardiovascular examination	Physical examination skills	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	Y	D	C	Perform a dermatologic examination	Physical examination skills	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Perform a neurologic examination	Physical examination skills	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	Y	D	C	Perform a physical examination on a cat	Physical examination skills	Yes		Yes	2	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Perform a physical examination on a cow	Physical examination skills	Yes		Yes	2	Comprehensive patient diagnosis and demonstration of problem solving skills
N	Y	D	C	Perform a physical examination on a dog	Physical examination skills	Yes		Yes	5	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Perform a physical examination on a horse	Physical examination skills	Yes		Yes	5	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Perform a physical examination on a small ruminant	Physical examination skills	Yes		Yes	2	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	L		Perform an ophthalmologic examination	Physical examination skills	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	L		Perform an orthopedic examination	Physical examination skills	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	Y	D	C	Perform an otoscopic examination	Physical examination skills	Yes		Yes	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Rectal examination- Bovine	Physical examination skills	No	LA, FA	No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Rectal examination- Equine - gastrointestinal tract, spleen, left kidney, aorta	Physical examination skills	No	LA, EQ	No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Rectal examination- Equine - reproductive tract	Physical examination skills	No	LA, EQ	No	1	Comprehensive patient diagnosis and demonstration of problem solving skills
N	N	P		Competently perform a skin closure (any species)	Surgery	Yes		Yes	1	Basic surgery skills, experience, and case management
N	N	P		Competently perform a small animal recovery surgery	Surgery	Yes		Yes	1	Basic surgery skills, experience, and case management
N	N	P		Correctly gown and glove for surgery	Surgery	Yes		No	1	Basic surgery skills, experience, and case management
N	N	P		Correctly prepare a patient for surgery	Surgery	Yes		No	1	Basic surgery skills, experience, and case management
N	N	P		Correctly scrub in for surgery	Surgery	Yes		No	1	Basic surgery skills, experience, and case management
N	N	N		Correctly set up a surgical field	Surgery	Yes		No	1	Basic surgery skills, experience, and case management
N	N	N		Demonstrate the use of appropriate suture materials, knots, and suture patterns	Surgery	Yes		No	1	Basic surgery skills, experience, and case management
N	N	N		Perform closure of a surgical wound layer	Surgery	Yes		Yes	1	Basic surgery skills, experience, and case management
N	N			Remove a cast	Surgery	Yes		No	1	Basic surgery skills, experience, and case management
N	N	N		Surgical incision and hemostasis- Any species	Surgery	Yes		Yes	1	Basic surgery skills, experience, and case management
N	N	N		Surgical ligation- Any Species	Surgery	Yes		Yes	1	Basic surgery skills, experience, and case management
N	N	N		Suture a stab incision	Surgery	Yes		Yes	1	Basic surgery skills, experience, and case management
Y	Y	D	C	Perform behavior evaluation - cat	Behavior			Yes		Comprehensive patient diagnosis and demonstration of problem solving skills
Y	Y	D	C	Perform behavior evaluation - dog	Behavior			Yes		Comprehensive patient diagnosis and demonstration of problem solving skills
Y	Y	D	C	Develop behavior modification plan - cat	Behavior			Yes		Comprehensive patient diagnosis and demonstration of problem solving skills
Y	Y	D	C	Develop behavior modification plan - dog	Behavior			Yes		Comprehensive patient diagnosis and demonstration of problem solving skills
Y	Y	D	C,T	Demonstrate proper use of handling equipment	Husbandry and restraint			No		Basic medicine skills, experience, and case management
Y	Y	D	C,T	Perform heartworm test	Clinical pathology/laboratory testing			No		Comprehensive patient diagnosis and demonstration of problem solving skills
Y	Y	D	C,T	Perform FeLV/FIV test	Clinical pathology/laboratory testing			No		Comprehensive patient diagnosis and demonstration of problem solving skills
N	Y	D	C,T	Scan and implant identification microchip	Patient management/Treatment			Yes		Comprehensive patient diagnosis and demonstration of problem solving skills
Y	Y	D	C	Perform shelter intake procedure: cat	Patient management/Treatment			Yes		Comprehensive patient diagnosis and demonstration of problem solving skills
Y	Y	D	C	Perform shelter intake procedure: dog	Patient management/Treatment			Yes		Comprehensive patient diagnosis and demonstration of problem solving skills
Y	Y	D	C	Lead shelter population management rounds	Patient management/Treatment			No		Comprehensive patient diagnosis and demonstration of problem solving skills
Y	Y	D	C	Lead shelter medical/behavior rounds	Patient management/Treatment			No		Comprehensive patient diagnosis and demonstration of problem solving skills
Y	Y	D	C	Articulate ethical dilemmas and animal welfare issues				No		Client communication and ethical conduct
Y	Y	D	C	Assess the history of a case involving a population of animals				No		Client communication and ethical conduct
Y	Y	D	C	Be a member of a team and receive passing grades for team participation skills				No		Client communication and ethical conduct
N	N			Demonstrate good communication skills in the context of a simulated client				No		Comprehensive patient diagnosis and demonstration of problem solving skills
Y	Y	D	C	Demonstrate knowledge of rules and regulations regarding reportable diseases				No		Comprehensive patient diagnosis and demonstration of problem solving skills
Y	Y	D	C	Demonstrate knowledge of WHO, national, and state rules and regulations pertaining to rabies				No		Comprehensive patient diagnosis and demonstration of problem solving skills

Is this likely to be the only time the skill is available?	Required for rotation?	opportunity for SLO is definite, likely, or possible	Evaluators? (Clinicians - C, Service Techs - T, and/or other techs - O)	Procedure	Discipline	Core?	Track	Live animal required?	Minimum number required	Clinical competency addressed?
Y	Y	D	C	Demonstrate understanding of biosecurity principles				No		Comprehensive patient diagnosis and demonstration of problem solving skills
Y	Y	D	C	Demonstrate understanding of evidence-based medicine				No		Comprehensive patient diagnosis and demonstration of problem solving skills
N	N			Demonstrate understanding of food safety principles						