

Course Competency

ATE 2942 VETERINARY CLINICAL EXPERIENCE 3

Course Description

This course provides clinical experience for the student, under the supervision of a veterinarian. Students will enhance the competencies learned in ATE 1940 - Clinical Experience 1 and ATE 1941 - Veterinary Clinical Experience 2 and Master skills associated with advanced veterinary technology practice. Prerequisite ATE 1941. (192 hr. clinic)

Course Competency	Learning Outcomes
<p>Competency 1: The student will be able to work in the exam room demonstrating the following by:</p>	<ol style="list-style-type: none"> 1. Communication 2. Numbers / Data 3. Critical thinking 4. Computer / Technology Usage
<ol style="list-style-type: none"> 1. Demonstrating professional behavior in the exam room toward the patient, client, and other professional staff. 2. Demonstrating proper procedure for handling the patient medical record once it is readied by the receptionist for the exam room. 3. Readyng the exam room for the patient and the client. 4. Performing the procedure for calling the client into the exam room and introducing themselves to the client and the patient accurately. 5. Performing the required procedures to ready the patient examination including but not limited to weighing the patient, taking TPR, and taking required history. 6. Restraining the patient successfully so that the Doctor can perform desired procedure. 7. Retrieving vaccines and handling them appropriately. 8. Identifying various vaccines used by veterinary facility and the protocol recommended. 	

<p>9. Describing core and noncore vaccines.</p>	
<p>Competency 2:The student will demonstrate the ability to greet the client professionally by:</p>	
<ol style="list-style-type: none"> 1. Demonstrating the ability to make, cancel, and confirm appointments using hospitals veterinary computer program. 2. Demonstrating the ability to answer the telephone professionally. 3. Demonstrating the ability to take a message demonstrating all the necessary components of a message. 4. Demonstrating the ability to identify and use all necessary forms required by the veterinary hospital (new client, authorization, drop off, boarding, etc.). 5. Demonstrating the ability to ready records for appointments seen that day. 6. Demonstrating the ability to discuss vaccine protocols and recommendations given to clients. 7. Demonstrating the ability to discuss the hospital's procedures regarding payment. 8. Demonstrating the ability to identify and discuss various heartworm and flea medications used by the veterinary hospital. 	
<p>Competency 3:The student will demonstrate the following laboratory skills by:</p>	
<ol style="list-style-type: none"> 1. Identifying the maintenance procedures for various instruments used in the laboratory. 2. Assessing techniques that result in accuracy, precision and reliability of various test perform. 3. Performing a CBC using electronic cell counter using proper technique. 4. Performing a spun PCV and record all necessary parts and be able to indicate appropriate estimates. 5. Making a blood smear demonstrating all three areas and with an appropriate size counting area. 6. Performing a differential accurately 	

<ul style="list-style-type: none"> recording WBC and RBC findings. 7. Performing a complete urinalysis. 8. Performing the setup of a fecal specimen (direct, flotation, centrifugation) and accurately read sediment. 9. Identifying the common intestinal parasites found in the dog and cat. 10. Setting up diagnostic ear cytology slide and identifying the various elements found. 11. Setting up skin scraping and identifying various common parasites seen. 12. Demonstrating how laboratory findings are recorded, reported to the Doctor and client. 	
<p>Competency 4:The student will demonstrate the following skills required to work in the kennel area of the hospital by:</p>	
<ul style="list-style-type: none"> 1. Demonstrating how to properly clean a cage. 2. Demonstrating how to properly clean food bowls. 3. Demonstrating how to move dog and cat from one cage to another. 4. Demonstrating how to walk a dog on a leash maintaining control around other patients. 5. Demonstrating proper feeding procedures for the hospitalized or boarding patient. 6. Demonstrating general cleaning procedures required to maintain kennel area. 7. Performing proper procedure for bathing a dog and cat. 8. Performing a nail trim on a dog and cat. 9. Performing procedure for expressing anal glands. 10. Administering medication (oral, eye, ear, etc.) to boarding or hospitalized patients. 	
<p>Competency 5:The student will demonstrate they can effectively set up and take radiographs of the abdomen and thorax by:</p>	
<ul style="list-style-type: none"> 1. Demonstrating proper use of PPE. 	

<ol style="list-style-type: none"> 2. Setting up x-ray machine for various radiographs. 3. Positioning and collimating for various positions (abdomen and thorax)-able to describe technique using proper terminology. 4. Measuring appropriately for each area being radiographed. 5. Critiquing technique and make appropriate adjustments. 6. Retrieving radiographs (film or digital) to be viewed by the veterinarian. 7. Discussing basic positioning criteria for abdomen, thorax, extremities and pelvis. 8. Discussing basic factors effecting radiograph quality. 	
<p>Competency 6:The student will demonstrate that they can set effectively use the anesthesia machine by:</p>	
<ol style="list-style-type: none"> 1. Demonstrating the flow of oxygen through the anesthesia machine. 2. Describing the parts of the anesthesia machine and define their function. 3. Trouble shooting the anesthesia machine. 4. Choosing the appropriate breathing circuit for patient (reservoir bag, breathing tubes). 	
<p>Competency 7:The student will demonstrate ability to safely and effectively anesthetize patient using hospitals anesthesia protocols by:</p>	
<ol style="list-style-type: none"> 1. Discussing the various preanesthetic and anesthetic drugs used (class, function, contraindications, and adverse side effects). 2. Calculating drugs using dosages provided correctly. 3. Administering induction drugs appropriately and safely. 4. Demonstrating appropriate monitor techniques when inducing anesthesia. 5. Choosing the appropriate size endotracheal tube. 6. Intubating a dog and cat using appropriate 	

<p>techniques.</p> <ol style="list-style-type: none"> 7. Demonstrating knowledge of how to securely tie in an endotracheal tube. 8. Blowing up endotracheal tube cuff appropriately and safely. 	
<p>Competency 8:The student will demonstrate they can effectively perform a dental prophylaxis by:</p>	
<ol style="list-style-type: none"> 1. Identifying necessary PPE equipment and how they are used. 2. Identifying accurately dental instruments, their function and how they are used. 3. Demonstrating charting procedures used by clinical site. 4. Performing a dental clean (scaling and polishing) safely. 5. Discussing the procedures specific to dental prophylaxis and monitoring of anesthes. 	
<p>Competency 9:Student is able to demonstrate proper surgical room etiquette by :</p>	
<ol style="list-style-type: none"> 1. Demonstrating proper attire worn in the surgical suite. 2. Demonstrating that they can properly move about the surgical suite and maintain sterility of area. 3. Demonstrating that they can pass surgical instruments using sterile technique. 4. Identifying different methods of gloving and is able to. 	
<p>Competency 10:The student will demonstrates procedures used to maintain, clean and pack instruments by:</p>	
<ol style="list-style-type: none"> 1. Demonstrating knowledge of autoclave and how to use the autoclave. 2. Demonstrating they know how to pack the autoclave appropriately. 3. Demonstrates knowledge of factors affecting the sterilization process 4. Demonstrating knowledge of how gas sterilization (ethylene oxide) works and 	

<p>how it is used in clinical setting.</p>	
<p>Competency 11:The student will demonstrate the ability to prepare surgical suite for anesthetic procedure by:</p>	
<ol style="list-style-type: none"> 1. Demonstrating the ability to set up room appropriate for procedure (e.g. packs, suture material, monitoring equipment, accessory equipment necessary). 2. Demonstrating the ability to identify surgical instruments needed. 3. Demonstrating the ability to perform post-surgical room clean up. 	

Updated: FALL TERM 2022