



## **Course Description**

### **ATE1650L | Introduction to Clinical Practice 1 | 1.00 Credit**

This introductory course is designed to acquaint the student with skills associated with veterinary clinical practice. Students will learn basic office, laboratory and nursing skills, including hospital/ office management, restraint, history taking, examination room techniques, administration of medication, basic parasitology, and basic clinical pathology procedures.

### **Course Competencies:**

**Competency 1:** The student will demonstrate the proficient use of medical terminology by:

1. Defining medical terminology and abbreviations commonly used in veterinary medicine
2. Using medical terminology in oral and written form when communicating with staff and professionals

**Competency 2:** The student will demonstrate proficiency in restraining techniques of small animals by:

1. Identifying the proper and improper ways of restraining an animal (Essential skill 3.6)
2. Discussing the indications for restraint and the concept of minimum effective restraint
3. Demonstrating the different means of perception of domestic animals
4. Explaining typical aggressive behaviors of small domestic animals
5. Demonstrating safe methods of restraining using both manual and mechanical devices (Essential skills 3.4, 3.5, 3.6).
6. Ensuring safety for the operator, assisting staff and owners of restrained animals
7. Discerning when the pet's temperament and/or medical condition dictate different methods of restraint
8. Practicing safe handling restraining techniques using live animals
9. Demonstrating effective and appropriate humane restraint techniques to include efforts to reduce stress during handling for various animal species

**Competency 3:** The student will demonstrate knowledge of exam room protocols by:

1. Demonstrating ability to determine pulse and heart rate, body temperature, blood pressure and hydration status in companion animals (Essential skills 3.18, A, B, C)
2. Assessing normality of the superficial lymph nodes
3. Administering oral and parenteral medications (Essential Skills 3.36 A, B & F; 3.37D; 3.38)

**Competency 4:** The student will demonstrate an understanding of the regulatory guidelines for the different areas of the hospital by:

1. Completing vaccination and sterilization records properly
2. Completing health certificates properly for travel in and out of the country
3. Educating and assisting clients regarding common requirements for animals leaving the United States or traveling by commercial air carrier

**Competency 5:** The student will demonstrate proper method when performing disinfecting procedures and basic grooming of the dog and cat by:

1. Explaining the proper use of disinfectants and their preparation
2. Demonstrating therapeutic grooming including bathing, ear cleaning, nail trimming, cleaning and medicating ears, and anal gland expression. (Essential skills 6.23B, E, 3.23F)
3. Cleaning hospital environment, including exam rooms, treatment areas, kennels, and surgical suites. (Essential skills 3.25)

**Competency 6:** The student will demonstrate acquaintance with medicating animals by:

1. Administering tablets, capsules and liquid medications to dogs and cats
2. Explaining and performing the steps necessary to successfully administer parenteral injection

3. Demonstrating alternate routes, other than injections, including enemas, medicated baths, topical and ophthalmic applications

**Competency 7:** The student will demonstrate familiarity with the library resources by:

1. Locating and identifying veterinary resources
2. Using web resources to obtain reference material (e.g., Lib guide)
3. Demonstrating that they can use these resources in course assignments

**Learning Outcomes:**

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Describe how natural systems function and recognize the impact of humans on the environment