



Course Description

ATE2710 | Animal Emergency Medicine | 2.00 credits

This course is designed to acquaint the student with fundamentals of emergency veterinary medicine, including veterinary first aid, toxicology and specialized medical techniques and procedures. Prerequisites: ATE1110, 1211; corequisites: ATE2611, 2631, 2655L.

Course Competencies:

Competency 1: The student will demonstrate clinical skills in emergency room protocols by:

1. Being proficient in the use of emergency room equipment
2. Performing and interpreting basic laboratory and radiographic diagnostics
3. Describing procedures necessary to assist in emergency surgical procedures

Competency 2: The student will demonstrate an understanding of the emergency room triage by:

1. Interpreting specific clinical signs of everyday emergency situations and being able to triage.
2. Monitoring procedures for emergency patients
3. Displaying knowledge of the veterinary nurse's role in ordinary respiratory, cardiac, GI, reproduction, hematological, neurological, toxicological, endocrine, urological, and ocular emergencies
4. Performing CPR and post-care of the arrested patient
5. Displaying knowledge of standard and emergency procedures performed in the veterinary ER

Competency 3: The student will demonstrate knowledge of the use of common emergency drugs by:

1. Identifying classes and roles of the various emergency drugs
2. Displaying understanding of indications and adverse effects of the various emergency drugs
3. Displaying the ability to calculate drug doses in emergency situations

Competency 4: The student will be able to interact with clients appropriately by:

1. Obtaining appropriate history by asking questions that pertain to emergency issues
2. Recognizing the client's financial responsibility for payment and the dilemma that ensues when the client cannot meet financial obligations
3. Communicating with the client about euthanasia and care of remains

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning
- Create strategies that can be used to fulfill personal, civic, and social responsibilities