

SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
VET 250S VETERINARY NURSING CARE AND TECHNIQUES
4 CREDIT HOURS

COURSE DESCRIPTION

Overview of the nursing care of dogs and cats. Discussion will cover toxin ingestion, fluid therapy, wound management, nursing care of hospitalized animals, and emergency protocols. Hands-on techniques including venipuncture, parenteral injections, catheter placement/care and fluid therapy will be covered. Live animals may be used for demonstration. Prerequisite: VET 160S. Lab fee.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
2	1. Describe the proper techniques for parenteral injections, venipuncture for blood collection, catheter placement and care, and urine collection methods.	1, 2, 3, 6
2	2. Describe the importance of fluid therapy, recognize the need for fluid therapy, describe the various methods of fluid therapy, and recognize when patient requirements may change.	1, 2, 3, 6
5	3. Anticipate the clinical signs, treatment, and monitoring of patients with respiratory, cardiovascular, central nervous system, renal, and reproductive system emergencies.	1, 2, 3, 6
5	4. Explain emergencies caused by the ingestion of toxic substances and define the clinical signs, decontamination procedures, and treatment.	1, 2, 3, 6
5	5. Explain the equipment, supplies, and steps that may be needed to perform first aid and cardiopulmonary cerebral resuscitation.	1, 2, 3, 6

CORE VALUES

The Core Values are a set of principles that guide in creating educational programs and environments at Edison State Community College. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives and activities in this course will introduce/reinforce those Core Values wherever appropriate.

TOPIC OUTLINE

1. Parenteral injection techniques
2. Venipuncture technique for blood collection
3. Catheter placement and care
4. Fluid therapy
5. Urine collection techniques
6. Nursing care
 - a. Patient monitoring
 - b. Pain assessment and treatment
 - c. Neonatal care
 - d. Geriatric care
 - e. Recumbent patient care
 - f. Wound management, abscess care, bandages, and splints
 - g. Nutritional support
 - h. Isolation techniques

7. Emergency medicine

- a. Triage
- b. Trauma
- c. Common emergencies for the respiratory, cardiovascular, central nervous system, etc.
- d. Cardiopulmonary cerebral resuscitation
- e. Monitoring
- f. Oxygen therapy
- g. Shock therapy
- h. Toxicities associated with organic and inorganic substances and their related clinical signs and treatment