

SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
VET 285S SMALL ANIMAL NURSING CLINICAL
2 CREDIT HOURS

COURSE DESCRIPTION

Students will be assigned to small animal veterinary practice to perform and demonstrate competency with hands-on skills discussed in previous courses. Students will be required to complete a minimum of 160 hours of clinical experience. Prerequisite: VET 131S, VET 230S, VET 250S, VET 255S, VET 265S. Lab fee.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
3	1. Demonstrate competency with multiple hands-on skills covered in previous classes to meet the CVTEA Veterinary Technology Student Essential and Recommended Skills List.	1, 2, 3, 4, 5, 6, 7, 8, 9
5	2. Assess and grow their hands-on, client communication, and knowledge-based skills for both their future career as a registered veterinary technician and their testing with the Veterinary Technician National Examination.	1, 2, 3, 4, 5, 6, 7, 8, 9
3	3. Apply the previously taught material in various roles and tasks legally applicable to the position of a registered veterinary technician.	1, 2, 3, 4, 5, 6, 7, 8, 9

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. General clinic responsibilities:
 - a. Record filing: medical records, radiographs, lab reports, etc.
 - b. Telephone etiquette
 - c. Professional interaction with clients and fellow health care team members
 - d. Sanitation procedures implemented for animal holding/housing areas
2. Patient clinical procedures:
 - a. Canine and feline cephalic venipuncture
 - b. Canine and feline jugular venipuncture
 - c. Canine and feline saphenous venipuncture
 - d. Canine and feline subcutaneous injection
 - e. Canine and feline intramuscular injection
 - f. Canine and feline intravenous injection
 - g. Subcutaneous fluid therapy
 - h. Intravenous catheter placement: cephalic and saphenous
 - i. Proper intravenous catheter care and maintenance
3. Anesthetic procedures:
 - a. Dental prophylaxis (manual and machine)
 - b. Anesthetic-related drugs administered via injection

- c. Anesthetic-related drugs administered via endotracheal tube
 - d. Anesthetic-related drugs administered via a mask
 - e. Endotracheal tube placement
 - f. Clinical signs and appropriate equipment utilized to monitor patient status during anesthetic procedures using the following equipment:
 - i. Esophageal stethoscope
 - ii. Blood pressure monitor
 - iii. Capnometer
 - iv. Electrocardiogram
 - v. Pulse oximeter
 - g. Anesthetic delivery and monitoring equipment operated and maintained:
 - i. Pulse oximeter
 - ii. Capnometer
 - iii. Esophageal stethoscope
 - iv. Electrocardiograph (recognize abnormal rhythms/audible sounds and properly apply the leads)
 - v. Anesthetic machines: rebreathing systems, non-rebreathing systems, and masks
 - vi. Endotracheal tubes
 - vii. Resuscitation bag
 - viii. Scavenging systems
 - ix. Oxygen sources
 - x. Blood pressure monitoring devices
 - xi. Laryngoscopes
 - xii. Temperature monitoring device
 - h. Surgery participation in the following:
 - i. Canine and feline ovariohysterectomy
 - ii. Canine and feline orchiectomy
 - i. Bladder palpation and expression if is needed
 - j. Surgical site preparation using appropriate aseptic techniques
 - k. Proper patient positioning for common procedures
 - l. Proper operating conduct and asepsis demonstrated during surgical assistance
 - m. Exposed tissues and organs care
 - n. Surgical instruments and supplies handled and passed properly
 - o. Operative and surgical records maintained
 - p. Suture removal
 - q. Surgical instrument and supply packs prepared
 - r. Surgical gown, glove, and drape packs prepared
 - s. Autoclave operation and maintenance
 - t. Surgical instrument and supply sterilization
 - u. Pre-surgical set-up
 - v. Post-surgical clean-up of operating room, equipment, instruments, and proper disposal of hazardous medical waste.
 - w. Operating room sanitation and care
4. Laboratory procedures
 - a. Voided urine sample collected from a small animal
 - b. Equipment selection and maintenance
 - c. Specimen preparation, labeling, and storage analysis
 5. Pharmacy procedures:
 - a. Controlled substance log completed accurately