

SYLLABUS  
PART I  
EDISON STATE COMMUNITY COLLEGE  
VET 255S VETERINARY SURGICAL NURSING AND ASSISTANCE  
2 CREDIT HOURS

**COURSE DESCRIPTION**

Introduction to surgical assistance and pre-operative and post-operative assessment and care. Hands-on experience will be used where applicable. Prerequisite: VET 160S and VET 190S. Lab fee.

**COURSE GOALS**

The student will:

Bloom's Level		Program Outcomes
1	1. Identify the equipment required for anesthesia.	1, 2, 3
2	2. Discuss the parameters that are monitored to effectively manage patients in all phases of anesthesia, as well as the importance of reporting assessment to the veterinarian.	1, 2, 3, 6, 7, 8, 9
1	3. Identify common surgical instruments, proper care, and define their intended use.	1, 3
1	4. Identify suture material and the sizing of it.	1, 3
3	5. Complete pack preparation and use the principles of sterilization.	1, 2, 3
3	6. Demonstrate aseptic techniques during patient preparation, surgical assistance, surgical scrub and gowning, and operating room conduct.	1, 2, 3, 7
5	7. Comprehend how to choose and utilize techniques and equipment to accurately and effectively monitor the patient's ongoing status before, during, and after anesthesia.	1, 2, 3, 6, 8, 9
5	8. Anticipate and respond appropriately to equipment malfunctions or inappropriate equipment setup to ensure proper function and safety of patients and staff.	1, 2, 3, 6, 7
4	9. Explain, administer, and recommend the appropriate post-operative care to assure maximum safety and benefit to the patient.	1, 2, 3, 6, 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. Patient assessment: medical records, consent forms, pre-operative evaluation
2. Patient/Anesthesia monitoring: charting and equipment
3. Anesthetic equipment
4. Surgical instruments: identification, care, and sterilization
5. Suture materials and techniques
6. Instrument care and pack preparation
7. Patient preparation
8. Draping
9. Surgical scrub
10. Operating room conduct and asepsis
11. Post-operative care: post-operative evaluation and complications, pain management, fluid therapy, nutrition, wound management, bandaging, suture removal, and discharge instructions