

Program SLOs

Veterinary Technology

A.S. Degree – Veterinary Technology

Certificate of Achievement – Veterinary Technology

Program Student Learning Outcomes From the 2015 PrOF (Program Review) Update			
1	Program Student Learning Outcome (P-SLO)	Apply the principles of pharmacology	<ul style="list-style-type: none"> Apply the principles of pharmacology to the practice of veterinary medicine.
2	Program Student Learning Outcome (P-SLO)	Assist the veterinarian	<ul style="list-style-type: none"> Assist the veterinarian in the performance of veterinary medicine and surgery.
3	Program Student Learning Outcome (P-SLO)	Apply the principles of diagnostic imaging	<ul style="list-style-type: none"> Apply the principles of diagnostic imaging to the practice of veterinary medicine.
4	Program Student Learning Outcome (P-SLO)	Perform clinical laboratory duties	<ul style="list-style-type: none"> Perform clinical laboratory duties within a veterinary hospital.
5	Program Student Learning Outcome (P-SLO)	Utilize the principles of dentistry	<ul style="list-style-type: none"> Utilize the principles of dentistry in the practice of veterinary medicine.
6	Program Student Learning Outcome (P-SLO)	Perform clerical hospital/office duties	<ul style="list-style-type: none"> Perform clerical hospital/office duties within a veterinary hospital.

A.S. - Veterinary Technology Student Learning Outcomes*

SLO 1 Apply the principles of pharmacology to the practice of veterinary medicine

- Interpret written orders, calculate doses, and correctly fill prescriptions in a veterinary pharmacy.
- Identify the indications and contraindications to the utilization of pharmaceuticals in the practice of veterinary medicine and surgery.
- Administer medications including but not limited to anesthetics, tranquilizers, pain medications, antibiotics, anti-inflammatories, hormones, chemotherapy agents, and other specialty medications to animals using appropriate techniques.

SLO 2 Assist the veterinarian in the performance of veterinary medicine and surgery.

- List and identify instrumentation used in a veterinary hospital
- Demonstrate the ability to sterilize instrumentation and maintain equipment in a veterinary hospital.
- Demonstrate correct tissue handling and suturing techniques in a surgical setting.

- Correctly restrain animals for treatment including companion, non-domestic, and large animals.
- Perform nursing functions to include, but not limited to: physical examination, intravenous catheter care, basic life support (BLS), Urinary catheter care, bandaging, and homeostatic maintenance for animals within a veterinary hospital.

SLO 3 Apply the principles of radiography to the practice of veterinary medicine.

- Take radiographs of small and large animals using correct radiographic technique.
- Demonstrate the ability to develop, critique, radiographs, and correct errors in the performance of veterinary radiography.
- Compare and contrast imaging modalities such as CAT, MRI, and ultrasound with respect to indications and applications of these techniques.

SLO 4 Perform clinical laboratory duties within a veterinary hospital

- Identify common parasite ova and larvae of domestic animals in fecal and blood samples.
- Perform common laboratory tests utilized to formulate a minimum data base for an animal including, but not limited to the performance of clinical hematology, chemistry, urinalysis, and fecal analysis tests.
- Formulate a quality control and maintenance program schedule for a clinical in house veterinary laboratory.

SLO 5 Utilize the principles of dentistry in the practice of veterinary medicine.

- Demonstrate proper technique in the utilization of dental instruments.
- Perform non-surgical dental extractions in animals.
- Communicate to clients techniques utilized in home dental care.
- Perform a dental prophylaxis procedure in small animals.

SLO 6 Perform clerical hospital/office duties within a veterinary hospital.

- Maintain financial and patient records.
- Operate a veterinary office computer system.
- Maintain logs required by law including radiographic, laboratory, surgical, anesthesia, and controlled substance logs.
- Organize and maintain an appointment schedule.
- Perform an inventory of hospital supplies and medications.
- Demonstrate telephone answering skills such as greeting clients, answering questions and proper telephone etiquette.

SLO 7 Provide safe, humane, and effective care for common laboratory animals used in animal research.

- Administer medications by oral or injectable methods to laboratory animals.
- Identify common laboratory animal species.
- Collect laboratory specimens such as blood, urine, and feces.
- Determine the sex of common laboratory species.
- Perform and/or supervise basic husbandry practices for common laboratory animal species.

SLO 8 Provide safe, humane, and effective care for birds, reptiles, amphibians, rabbits, and ferrets.

- Demonstrate restraint techniques.
- Administer medications by oral and injectable methods.
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