

EQUIPMENT LIST – MENTOR REFERENCE

Student's Last Name: _____ First Name: _____

Student ID: _____ Graduating Class Of: _____

Practice Name: _____

The Northern Virginia Community College's Veterinary Technology Program is accredited through the American Veterinary Medical Association (AVMA) and requires students to complete numerous hands-on and didactic essential skills by using a variety of clinical equipment. To support the student in their courses, we recommend that students have access to most of the equipment listed below at their practice. Equipment needed for laboratory animal and large animal essential skills are not required in practice as the NOVA Veterinary Technology Program will supply those items to complete the essential skill.

While it is the responsibility of the NOVA Veterinary Technology Program faculty and staff to teach, assess, and sign off on all required skills with the students, we ask that mentors oversee and assist students with honing these skills using the equipment at their practice after the students have been taught the skill in our program.

Please note:

- Required items are denoted by an asterisk (*). All others are recommended.
- **If a student misses a lab or field trip that requires completion of any required essential skill, it may be the student's responsibility to complete those skills with their own resources and equipment.**
- Students taking VET-lab courses online should be aware that most, if not all, of the required essential skills must be completed at their practice via video recordings and/or other assignments that will be evaluated by NOVA faculty. It is the student's responsibility to discuss their courses with their mentors prior to the start of class to ensure their practice has the necessary equipment to perform any assigned essential skills.

As a mentor, I understand the above information and have been provided the list of AVMA required equipment needed to complete the required essential skills for the Veterinary Technology Program.

Mentor's Last Name: _____ First Name: _____

Mentor's Signature: _____ Date: _____

CLINICAL EQUIPMENT

- Anesthesia machine – large animal
- Anesthesia machine – dog or cat*
 - Isoflurane*
 - Sevoflurane
 - Non-rebreathing system*
 - Waste anesthetic gas exhaust system*
- Animal gurney or stretcher*
- Autoclave*
- Bandaging/casting material*
- Bathing equipment*
- Blood pressure monitoring equipment*
- Cages (complying with federal regulations)*
- Capnometer*
- Controlled drug cabinet*
- Defibrillator
- Dehorners*
- Dental instruments
 - Large animal – dental floats*
 - Small animal – ultrasonic scaler + polisher including appropriate hand instrument*
- Electric clippers*
- Electrocardiograph (with printing capabilities as optional)*
- Electrosurgical equipment
- Emasculator*
- Emergency supplies and equipment with accessible emergency drugs and dosages (including, but not limited to, assorted endotracheal tubes, resuscitation bag, assorted intravenous catheter sizes, epinephrine, atropine, lidocaine, face mask(s), stethoscope)*
- Endotracheal tubes*
- Esophageal stethoscope*
- Examination tables*
- Endoscope
- Fluid pump*
- Gas sterilizer
- Hoof trimmers + picks*
- Microchip scanner*
- Nail trimmers*
- Obstetrical instruments – large animal
- Ophthalmoscope*
- Oral Dosing Equipment*:
 - Laboratory Animal*
 - Large Animal*
 - Dog or cat*
- Oral speculum
 - Large Animal
 - Dog or cat (mouth gag)*
- Orthopedic equipment (familiarity with common orthopedic instruments – e.g. orthopedic wire, K-wire, pins, bone screws, pin cutter, wire cutting scissors, rongeur, bone holding forceps, hand chuck, osteotome, bone curette, mallet, Gigli wire saw and handles, elevator, and bone plates)*
- Otoscope*
- Pulse oximeter*
- Resuscitation bag*
- Scales, animal*
- Stethoscope*
- Surgical Instruments – basic*
- Surgical lights*
- Surgical suction
- Surgical tables*
- Syringe – Large animal multi-dose injection syringe*
- Syringe pump
- Temperature monitoring device (e.g., thermometer)*
- Tonometer*
- Tourniquet*
- Tubes – feeding + gavage*
- Ultrasound Machine
- Vaginal speculum*
- Ventilator (respirator)
- Warming device (e.g. circulating warm water blanket, forced warm air blanket)*

RESTRAINING EQUIPMENT

- Laboratory Animal – rodent*
- Dog or cat:
 - Elizabethan collar*
 - Restraint pole*
 - Muzzle*
- Large Animal:
 - Cattle chute (a restraint device where the animal head is fixed and the back and sides are closed to allow safe examination and treatment of patient)*
 - Twitch*
 - Nose tongs
 - Ropes*
 - Halter*

- Hog snare

LABORATORY EQUIPMENT

- Blood mixer/rocker
- Centrifuge*
- Clinical chemistry analyzer*
- Manual (Differential) blood cell counter*
- Electronic blood cell counter*
- Hand tally cell counter*
- Hemocytometer
- Incubator*
- McMaster method slide
- Microhematocrit centrifuge*
- Microscopes*
- Refractometer*
- Scales, laboratory

RADIOGRAPHIC IMAGING EQUIPMENT

- Aprons + gloves (protective)*
- Automatic film processor
- Calipers*
- Cassette holders*
- Computed radiography processor
- Film
- Directional/Positional markers*
- Hand dark room + developing equipment
- High speed/rare earth screens
- Lead Eyeglasses (if required by state law*)
- Protective thyroid collar*
- Radiation safety badges*
- Storage racks (for gloves + aprons)*
- Radiographic machine – fixed*
- Radiographic machine – portable*
- Radiographic viewer
- Radiographic machine – dental*
- Radiographic machine – digital