Veterinary Science | 1YR Program - Scope & Sequence

Semester 1
VS103A - Veterinary Assisting I
VS103B - Veterinary Assisting II

District Pre-Assessment
Unit Name: (1) Intro to the Vet Industry & Basic Terminology (10-15 Days)
- Roles & responsibilities of veterinary health team
- Medical record keeping procedures including confidentiality & legal regulations
- Employability: Professionalism, appearance, ethical conduct, communication
- Medical terminology & abbreviations
- Animal restraints/husbandry
- CTSO Integration (Leadership Skills): Officer Elections, HOSA Meeting, Community Service
- Technical Standard: 1.4, 1.6, 2.4-.7, 3.1-.7, 4.4-.5, 7.2

Unit Name: (2) Hospital Safety & OSHA (5-10 Days)
- Workplace Safety
- Sanitation & Disinfection
- PPE & Waste Disposal
- Diseases & Isolation
- CTSO Integration (Leadership Skills): HOSA Week, HOSA Meeting, State Officer Visit, Community Service
- Technical Standard: 5.1, 5.4-5.18, 9.2-.9, 9.12

Unit Name: (3) Small Animal Anatomy & Physiology (15-20 Days)
- Animal Systems including: Integumentary, Muscular-skeletal, Circulatory, Respiratory, Gastrointestinal, Urinary, Nervous, Endocrine, Reproductive, Sensory and Immune
- CTSO Integration (Leadership Skills): Fall Leadership Conference, HOSA Regional Online Testing, HOSA Meeting, Community Service
- Technical Standard: 5.1, 5.4-5.18, 9.2-.9, 9.12

Unit Name: (4) Veterinary Medical Records & Exam Room Intake (15 Days)
- Medical Records
- Integrity & Security
- Communication & Patient Intake
- CTSO Integration (Leadership Skills): HOSA Online Testing, HOSA Regions, HOSA Meeting, Community Service
- Technical Standard: 1.4, 1.6, 2.4-.7, 3.1-.7, 4.4-.5

Semester 2
VS104 - Veterinary Assisting III

Unit Name: (5) Breed Identification, Small Animal Nutrition & Vaccination Protocols (15 Days)
- AKC Dog Breeds
- CFA Cat Breeds
- Small Animal Nutrition
- CTSO Integration (Leadership Skills): State Leadership Conference, HOSA Meeting, Community Service
- Technical Standard: 8.2-3, 8.5, 8.7-8, 8.10-11

Unit Name: (6) Basic Small Animal Nursing Care (10-15 Days)
- Basic Grooming Techniques
- Ear/Eye Medication
- Oral Liquid Medication
- Bandage Types & Application
- CTSO Integration (Leadership Skills): HOSA Meeting, Community Service, Officer Elections
- Technical Standard: 8.2-3, 8.5, 8.7-8, 8.10-11

Unit Name: (7) Procedures & Protocols of the Animal Hospital (5-10 Days)
- Communication & Patient Intake
- CTSO Integration (Leadership Skills): HOSA Online Testing, HOSA Regions, HOSA Meeting, Community Service
- Technical Standard: 1.4, 1.6, 2.4-.7, 3.1-.7, 4.4-.5

Unit Name: (8) Diagnostic Laboratory Procedures (15-20 Days)
- Work-Based Learning: Resume Writing and Cover letter
- Technical Standard: 4.2, 5.1, 5.4-5.18, 7.4

Unit Name: (9) animal practices (15-20 Days)
- CTSO Integration (Leadership Skills): HOSA Online Testing, HOSA Regions, HOSA Meeting, Community Service
Unit Name: (9) Surgical Preparation & Assisting (10-15 Days)
- Assist in surgical preparations: Sterilization, autoclave, suture materials, patient preparation, positioning and surgical log
- CTSO Integration (Leadership Skills): HOSA State Online Testing
- Work-Based Learning: Career Fair, Integrated Project with Professionals (PBA), Practical, Written Exam (50% of students)
- Technical Standard: 8.1, 8.6-10, 8.13, 8.15-16, 9.1-13

Unit Name: (10) Diagnostic Radiology & Ultrasound (10 Days)
- Radiology & ultrasound imaging
- Label, file & store radiographs
- Care, maintenance & processing of radiographs
- CTSO Integration (Leadership Skills): HOSA Regionals
- Work-Based Learning: Guest Speaker
- Technical Standard: 12.1, 12.2, 12.3, 12.4, 12.5, 12.6, 12.7, 12.8

Unit Name: (11) Pharmacy & Pharmacology (10-15 Days)
- Types & groups of drugs
- Legal issues involving drugs
- Filling medications & inventory control
- CTSO Integration (Leadership Skills): HOSA Regionals, Online Testing, HOSA Meeting, Community Service
- Work-Based Learning: Integrated Project with Professionals (PBA), Practical, Written Exam (50% of students)
- Technical Standard: 6.1-5, 6.8

Unit Name: (12) Front Desk & Office Procedures (5-8 Days)
- Front desk responsibilities: appointments, admitting & discharging patients. Basic filing, medical records, invoicing, billing & payment procedures
- Cleanliness of facility: sanitation, disinfection of kennels, exam rooms, surgical suites
- Communication & Client relations verbal & written
- CTSO Integration (Leadership Skills): State Leadership Conference, HOSA Meeting, Community Service

Unit Name: (13) Care & Management of Exotic & Large Animals (5-7 Days)
- Restraint of birds, rabbits, reptiles & other exotics
- Restraint, lead and loading of horses, cattle, sheep, swine
- Apply & remove bandages to healthy large animals
- Certification: NAVTA
- CTSO Integration (Leadership Skills): HOSA International Conference
- Work-Based Learning: Guest Speaker
- Technical Standard: 7.6, 8.14

Unit Name: (14) Externship (30-50 Days)
- Work-Based Learning: Externship (120 hours) Performance Based Assessment, Treatment Room practical, Written Exam and Professional Student Conduct Form
- Technical Standard: All

Common AZCCR Math Standards (CAMS)
- English Language Arts Standards (ELAS)
- Health Occupations Students of America (HOSA)
- National Association of Veterinary Technicians in America (NAVTA)