

**Course Information Sheet**

Course Name: Practicum in AFNR - Vet Science

Instructional Material: iCEV

First Semester:

Week	Topic/Unit
1	Practicum Introduction & Safety Protocols in a Veterinary Setting
2	Professionalism, Work Ethic, & Communication Skills
3	Veterinary Office Management & Client Communication
4	Medical Record Keeping & Data Entry
5	Patient History & Triage
6	Animal Handling & Restraint for Canines
7	Animal Handling & Restraint for Felines & Exotics
8	Sanitation & Disinfection in Clinic & Kennels
9	Surgical Room Sterilization & Aseptic Technique
10	Assisting with Physical Examinations & Vital Signs
11	Administering Oral & Topical Medications
12	Assisting with Sample Collection (Blood & Urine)
13	In-house Laboratory Procedures (Hematology & Urinalysis)
14	Assisting with Radiography (X-Rays) & Positioning
15	Assisting in a General Wellness Exam
16	Observing and Assisting with Dental Procedures
17	Introduction to Surgical Procedures & Instrument Preparation
18	Final Review & Fall Semester Wrap-up

**Second Semester:**

Week	Topic/Unit
19	Prepping Patients for Surgery
20	Anesthesia Monitoring & Patient Recovery
21	Assisting with Post-operative Care & Wound Management
22	Identification & Prevention of Zoonotic Diseases
23	Pharmacology & Medication Dosage Calculations
24	Assisting with Vaccinations & Parasite Control
25	Emergency & Critical Care Procedures
26	First Aid Techniques in a Veterinary Setting
27	Euthanasia and End-of-Life Care
28	Ethical Issues in Veterinary Medicine
29	Specialized Veterinary Fields (e.g., Large Animal, Wildlife)
30	Animal Shelter & Rescue Operations
31	Inventory Management & Supply Ordering
32	Research Project on a Case Study or Clinic Improvement
33	Supervised Agricultural Experience (SAE) Documentation
34	Career Preparation: Resume & Interview Skills
35	Review for Certified Veterinary Assistant (CVA) Exam
36	Final Project Presentation & Course Wrap-up