Veterinary Technology Syllabus

Submitted by Callie Parr and used in cooperation with the University of Illinois at Urbana-Champaign.

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Veterinary Technology

1 Semester (90 hrs)

Instructor: Callie Parr

Unit 1: Introduction to the Veterinary Medicine Field
Careers in Veterinary Medicine
  - Career Brochure
Using Medical Terminology
  - PPT game

Unit 2: Understanding Animal Species
Understanding Species Breeds

Unit 3: Exploring Anatomy and Physiology
Examining the Skeletal System
  - bone assembly worksheet
Examining the Muscular System
Examining the Respiratory System
Examining the Nervous System
Examining the Circulatory System
Examining the Urinary System
  - fetal pig dissection

Unit 4: Meeting and Examining the Patient
  - bring in animals
Taking a Patient History
  - practicum (principal act as a patient)
Standard Vitals for Animals
  - bring in animals and take vitals
  - take vitals on ourselves

Unit 5: Understanding Animal Disease
  - scenarios worksheet

Unit 6: Defining Pharmacology
Basic Measurement and Conversion
Dosing
Labeling and Administering Medication
  - pill lab
  - injections lab

Unit 7: Safety and Sanitation in the Office
Animal First Aid
  - practice on animals
Human First Aid
  - role play

Diagnosing and Preventing Disease
Hematology and Urinalysis
  - Linda Brown (U of I) Hematology Lab
  - draw blood, make smears
  - Dr. Kim Ponder/Angie Hernandez
  - Short lecture and test urine

Identifying Parasites
Understanding Immunity

**Required before semester exams - 5 hrs of clinical experience in a vet office, animal shelter, trainer, groomer, etc.**