Veterinary Science/Technician - 0164

Course imparts basic information about employment as a Veterinary Technician. Animal health, nutrition, reproduction, genetics, facilities maintenance, anatomy and physiology and business management are all possible areas of study. Specific focus of this course is on mastering the entry level skills needed for employment as a veterinary assistant or technician. (Introductory units available via New Mexico secondary Agriculture Education, resources should be followed by concurrent enrollment in a recognized certification program.)

ANIMAL SCIENCE

Analyzing Present & Future Trends in the Animal Science Industry

Discovering Ways Animals Help People

Animal Breeds

Identifying Career Opportunities in the Animal Industry

Animals in Society

Exploring the Scientific and Laboratory Animals Industry

Meeting the Nutritional Needs of Animals

Understanding Animal Digestion

Understanding Nutrients and their Importance

Anatomy and Physiology of Animal Reproduction Systems

Understanding Animal Reproduction Technology

Understanding Genetics

Understanding Molecular Biotechnology

Understanding Animal Welfare Issues

Introduction to the Veterinarian & Veterinary Assistant Profession

Veterinary Terminology

Common Abbreviations

Latin (Scientific) Adjectives

Introduction to Handling & Restraining Animals

Animal Management

Handling & Restraining Animals

Anatomy & Physiology Terms

Anatomy & Physiology

Skeletal System

Muscle System

Respiratory System

Nervous System

Handling & Restraining Dogs & Cats

Applying Bandages & First Aid

Patient Examination

Clinical Examinations

Hospital Procedures

Medication of Animals

Restraining - Rodents, Rabbits and other Exotic Animals

Veterinary Clinic Examinations

Diagnosing Lab Procedures

Veterinary Clinic Disease Control

Laboratory Techniques

Radiology

Special Examinations and Postmortem Examinations

Urinalysis

Food, Animals, and Disease

Infectious Diseases

Nutritional Disorders

Animal Nutrition

Non-Infectious Diseases

Controlling Diseases and Parasites

Endo parasitology

Parasitology

External Parasites

Using Disinfectants and Practicing Sterilization

Safety & Sanitation

Preparing for Surgery

Math Practicum

Processing Livestock - Branding, Dehorning, and Castration

Animal Breeding Programs

From Birth to Weaning

Disease Eradication Programs