V T 51: INTRODUCTION TO VETERINARY TECHNOLOGY

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Summer 2021
Units:	2
Hours:	2 lecture per week (24 total per quarter)
Advisory:	Not open to students with credit in APAV 51.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Student Learning Outcomes

- List available relevant information sources and articulate the Veterinary Technology Program Prerequisites and Application requirements.
- Read, evaluate, and reflect on a topical article from the veterinary or veterinary technology literature.
- Students will distinguish reliable from unreliable sources of veterinary information.

Description

Introduction to the profession of veterinary technology and a career exploration of veterinary medicine. Orientation to the program requirements and curriculum. Overview of program structure and student services. Review and practice of library skills. Prerequisite course for several courses in the Foothill Veterinary Technology Program. Survey of employment opportunities and areas of specialization. Ethics and professionalism. Laws and regulations governing veterinary technicians. Introduction to basic animal care skills and clinical procedures.

Course Objectives

The student will be able to:
A. Describe the application process and structure of the Foothill Veterinary Technology Program.
B. Discuss the scope of veterinary medical practice.
C. Define program accreditation, licensure and regulations.
D. Describe the roles of the various members of the veterinary team.
E. Describe the basic elements of patient care in a veterinary clinic.
F. Explain appropriate methods of restraint and handling of companion animals.
G. Discuss introductory concepts in animal behavior.
H. Explain the basic concepts of preventive medicine for companion animals.
I. Evaluate examples of the professional periodical literature.
J. Discuss professional behavior and ethics as it relates to the role of the veterinary technician.

Course Content

A. Orientation to Foothill Veterinary Technology Program
1. Prerequisites
2. Application process
3. Course requirements
4. Expectations for student performance
5. Organization of courses
B. Overview of veterinary medical practice
1. Types of practice and career ladder
2. Variety of employment opportunities and fields of study
3. Opportunities for professional development and career advancement
C. Laws and regulations
1. Veterinary Medical Board
3. The California Veterinary Practice Act and specific regulations governing veterinary technicians
4. VTNE: Veterinary Technician National Examination
5. AVMA Committee on Veterinary Education and Activities: required knowledge, skills and abilities
D. The veterinary medical team
1. Role and responsibilities of the veterinary assistant
2. Role and responsibilities of the veterinary technician
3. Role and responsibilities of the veterinarian
4. Interrelationships and delegation of tasks
5. Hospital safety
E. The animal patient and client
1. The responsibilities of the veterinary medical team
2. Clinical history taking
a. Purpose and format
b. Medical record keeping
3. Physical examination
a. Basic technique
b. Medical record keeping
F. Restraint and handling
1. Dog
2. Cat
G. Basic animal behavior
1. Fear free and the veterinary workplace
2. Terminology of behavior
H. Preventive medicine
1. Basic immunology and principles of immunization
a. Vaccination principles
b. Vaccination types and schedules
2. Parasite control
3. Creating a safe environment
4. Regular examination
I. Orientation to the professional periodical literature
1. Orientation to library
2. Use of reference materials and databases
3. Introduction to computer search techniques
J. Professional ethics

Lab Content

Not applicable.

Special Facilities and/or Equipment

A. Live animal teaching colony representing variety of small, large, and laboratory animal species for demonstration purposes.
B. Fully equipped veterinary technology clinical teaching laboratory.
C. Multimedia capable computer and access to the internet.

Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

Meeting deadlines
Class participation
Written quizzes and written final exam
Written periodical review assignment
Research paper

Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

Lecture presentation
Discussion using the language of veterinary medicine
Demonstration

Representative Text(s) and Other Materials

Bassert, Joanna M, Angela D. Beal, and Oreta Samples. Clinical Textbook For Veterinary Technicians, 9th ed.. 2018.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

A. Weekly reading assignments from text, class handouts, and outside sources.
B. Written multiple choice, short answer and essay questions.
C. Written periodical review paper.
D. Written research project may be required.

Discipline(s)

Registered Veterinary Technician