JEFFERSON COLLEGE

COURSE SYLLABUS

VAT101

INTRODUCTION TO VETERINARY TECHNOLOGY

3 Credit Hours

Prepared by:

Dana Nevois, RVT
Revised 06/08

John Keck, Dean of Career & Technical Education
I. CATALOG DESCRIPTION

Prerequisite: Admission to the Veterinary Technology Program
3 semester hours credit

Introduction to Veterinary Technology orients students to career management as veterinary technicians and provides comprehensive instruction in professional ethics, electronic communications, business management, and the public health aspects and disease control of various animal species encountered.

II. EXPECTED LEARNING OUTCOMES

To provide an orientation to the field of veterinary technology and provide students with the communication skills and basic knowledge of professional ethics, disinfection principles and the public health aspects of veterinary medicine, in preparation for their applied clinical courses.

III. COURSE OUTLINE

1. Career Management
   A. Professionalism
   B. Job Search
   C. Employment Negotiations

2. Professional Ethics and Laws Affecting the Profession
   A. Ethics
   B. The Missouri Practice Act
   C. The Animal Welfare Act

3. Veterinary Practice As A Business
   A. Professional Communication
   B. Hospital Design & Maintenance
   C. Records
   D. Patient Management
   E. Marketing & Inventory Control
   F. Computers in Practice Management

4. Small Animal Breed Identification

5. Disinfection Principles & Disease Control
   A. Classification of Microorganisms
   B. Anti-Infectives and Their Use
   C. Procedure for Infection Control

6. Public Health
   A. Bacterial Diseases
   B. Rickettsial Diseases
IV. UNIT OBJECTIVES

Upon completion of this course the student will:

1. Career Management:

   Become familiar with allied veterinary professions and various options open for employment; review personal budgeting, insurance options and benefits packages; and be introduced to procedures in optimal employment placement.

2. Professional Ethics and Laws Affecting the Profession

   Become familiar with various laws protecting the rights of both the employee and employer; learn to conduct him/herself in an ethical, moral, professional manner; become familiar with the Missouri Practice Act governing professional functions; and become familiar with the Animal Welfare Act to protect all animal species.

3. Veterinary Practice as a Business

   Learn to communicate effectively on a personal and professional level; become proficient in telephone etiquette in professional contacts; deal effectively in difficult professional situations. Learn optimal hospital design and how to maintain a viable veterinary practice; become familiar with financial, inventory, and veterinary medical records; understand the various levels of patient management; become familiar with veterinary practice marketing and inventory control techniques; be introduced to various electronic communication devices commonly used in veterinary practices, including veterinary practice management through the use of computers.

4. Small Animal Breed Identification

   In early dealings with employers and clients the student is expected to prove professionalism and genuine career interest by becoming familiar with the many different breeds of various small animal species.

5. Disinfection Principles & Disease Control

   Be familiar with the classifications of microorganisms, how these organisms infect living systems, the definitions of common anti-infectives, and procedures for disease control.

6. Public Health

   Know the common carriers of zoonotic diseases, how these diseases affect the animal carriers, how the diseases are transmitted to humans and how humans are affected, how the diseases are controlled, and how the diseases are treated.
V. METHODS OF INSTRUCTION

A. Lecture: MWF 11:00-11:50 a.m.
B. Text
C. Audiovisuals
D. Lecture Materials/handouts provided by instructor

VI. REQUIRED TEXTBOOK(S)

B. An Illustrated Guide to Veterinary Medical Terminology, 2nd ed., Romich, Thomson Delmar Learning

VII. REQUIRED MATERIALS

A. Text
B. Audiovisual Aids
C. Instructional Materials Prepared by Instructor

VIII. SUPPLEMENTAL REFERENCES

Materials for research projects are available in Jefferson College Library and within the Veterinary Technology Department. Journals within the department are kept for student use.

IX. METHOD OF EVALUATION

A. Distribution of Final Grade

There are written examinations/quizzes, homework assignments, and a comprehensive final examination which will comprise the final grade. Attendance and class participation are expected of the students, however, the instructor reserves the right to award or detract percentage points based on student class performance and professionalism.

Students are expected to complete the course with at least a grade of C. Students who make a grade below C will be dropped from the program and invited to re-enroll as first year students and thus repeat the course the following year.

Any student found in noncompliance with the Jefferson College Honesty Policy as delineated in the Jefferson College and Veterinary Technology Student Handbooks will receive a grade of F regardless of concurrent academic standing.
B. Assignment of Final Letter Grades

A = 90-100  
B = 80-89  
C = 70-79  
D = 60-69  
F = below 60

XI. ADA STATEMENT

Any student requiring special accommodations should inform the instructor and the Coordinator of Disability Support Services (Library; phone (636) 797-3000, ext. 169).

XII. ACADEMIC HONESTY STATEMENT

All students are responsible for complying with campus policies as stated in the Student Handbook (see Jefferson College Website).

http://www.jeffco.edu/jeffco/index.php?option=com_weblinks&catid=26&Itemid=84