

**STATE UNIVERSITY OF NEW YORK
COLLEGE OF TECHNOLOGY
CANTON, NEW YORK**



COURSE OUTLINE

VSCT 213- PRACTICAL NUTRITION

Prepared By: TONY BEANE, DVM

**SCHOOL OF SCIENCE, HEALTH AND CRIMINAL JUSTICE
VETERINARY SCIENCE TECHNOLOGY
MAY 2015**

- A. **TITLE:** Practical Nutrition
- B. **COURSE NUMBER:** VSCT 213
- C. **CREDIT HOURS:** 2
- D. **WRITING INTENSIVE COURSE:** No
- E. **COURSE LENGTH:** 15 weeks
- F. **SEMESTER(S) OFFERED:** Spring
- G. **HOURS OF LECTURE, LABORATORY, RECITATION, TUTORIAL, ACTIVITY:**
2 hours lecture
- H. **CATALOG DESCRIPTION:**

This course will cover the feeding of small animals in health and disease during the various stages of the life cycle. The major dietary nutrients will be discussed at length. Nutrient deficiencies and excesses will be discussed and human and animal case examples used. Dietary management of specific diseases that affect small animals (and to a lesser extent large animals) will be a primary focus. Homemade, raw and commercial diets will be discussed. Interpreting pet food labels and calculating the amount of food to feed an animal will be covered.

- I. **PRE-REQUISITES:** VSCT-114 Animal Anatomy and Physiology and VSCT-115 Vet Nursing II.
- J. **GOALS (STUDENT LEARNING OUTCOMES):**
By the end of this course, the student will be able to:

<i>Course Objective</i>	<i>Institutional SLO</i>
a. describe the six major nutrients and their importance to animal health.	2. Critical Thinking 3. Prof. Competence
b. perform dry matter determinations and calculations related to how much to feed small animals each day.	3. Prof. Competence
c. describe/compare the various gastrointestinal tracts of the common domestic species.	3. Prof. Competence
d. discuss diseases that may have a dietary cause and/or dietary treatment that may modify the course of the disease.	2. Crit. Thinking 3. Prof. Competence

K. TEXTS:

Wortinger, Ann. Nutrition fo Veterinary Technicians and Nurses. Ames, IA: Blackwell, 2007.

Ralston Purina. Veterinary Product Guide to Purina Veterinary Diets. 2014

Beane, Tony. Practical Nutrition Note Packet. 2015

L. REFERENCES:

Hand, Michael, et. al. Small Animal Clinical Nutrition 4th edition. Topeka, KS: Mark Morris Institute, 2000.

M. EQUIPMENT:

Technology enhanced classroom

N. GRADING METHOD: A-F

O. MEASUREMENT CRITERIA/ METHODS:

Quizzes
Exams

P. DETAILED COURSE OUTLINE:

1. Introduction and definition of terms
2. Six basic nutrients
3. Anatomy and Physiology of the gastrointestinal tract
4. Pet foods
5. Dog nutrition
6. Cat nutrition
7. Therapeutic nutrition
8. Feeding orphans
9. Poisonous plants

Q. LABORATORY OUTLINE: N/A