

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



COURSE OUTLINE

VSCT 103 – INTRODUCTION TO ANIMAL AGRICULTURE

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**SCHOOL OF SCIENCE, HEALTH AND CRIMINAL JUSTICE
VETERINARY SCIENCE TECHNOLOGY
FALL 2018**

- A. **TITLE:** Introduction to Animal Agriculture
- B. **COURSE NUMBER:** VSCT 103
- C. **CREDIT HOURS:** 2
- D. **WRITING INTENSIVE COURSE:** No
- E. **COURSE LENGTH:** 15 Weeks
- F. **SEMESTER(S) OFFERED:** Fall
- G. **HOURS OF LECTURE, LABORATORY, RECITATION, TUTORIAL, ACTIVITY:**
2 lecture hours per week
- H. **CATALOG DESCRIPTION:** An introductory course designed to familiarize the student with the use of animals to produce food, fiber, or profit. Beef cattle, dairy cattle, horses, sheep, swine, goats, and other animals will be discussed. The intent of this course is to provide the student with insight as to the functions and needs of the animal owner/producer. Common production schemes, terminology, and animal breeds will be addressed.
- I. **PRE-REQUISITES/CO-REQUISITES:** Enrollment in Veterinary Technology (2278) or Veterinary Science Technology (521)
- J. **GOALS (STUDENT LEARNING OUTCOMES):**
By the end of this course, the student will be able to:

<u>Course Objective</u>	<u>Institutional SLO</u>
1. Identify different breeds of commonly farmed animals.	5. Industry, Professional, Discipline-Specific Knowledge and Skills
2. Discuss commonly used management schemes of agricultural animal operations.	5. Industry, Professional, Discipline-Specific Knowledge and Skills
3. Define common terminology used in livestock production.	5. Industry, Professional, Discipline-Specific Knowledge and Skills
4. Demonstrate an understanding of the nutrition, reproduction and handling of commonly farmed animals.	5. Industry, Professional, Discipline-Specific Knowledge and Skills

- K. TEXTS:** None
- L. REFERENCES:** Lecture notes and PowerPoint presentations are available on the Blackboard site for this course.
- M. EQUIPMENT:** none
- N. GRADING METHOD:** A-F
- O. MEASUREMENT CRITERIA/METHODS:**
- Exams
 - Quizzes
- P. DETAILED COURSE OUTLINE:**
- I. Trends in animal agriculture
 - A. Worldwide
 - B. United States
 - C. New York
 - II. Dairy Cattle
 - A. Common terminology of the dairy industry
 - B. Breeds of dairy cattle
 - C. Topics in dairy selection and management: feeding, milking, reproduction
 - III. Beef Cattle
 - A. Common terminology of the beef industry
 - B. Breeds of beef cattle
 - C. Topics in beef selection and management: production schemes
 - IV. Horses
 - A. Common terminology of the horse industry
 - B. Breeds of horses
 - C. Topics in horse selection and management: reproduction, common diseases, commercial use
 - V. Sheep
 - A.. Common terminology of the sheep industry
 - B.. Breeds of sheep
 - C.. Topics in sheep selection and management: reproduction, wool, meat, milk
 - VI. Goats
 - A. Common terminology of the goat industry
 - B. Breeds of goats

- C. Topics in goat selection and management: reproduction, fiber, milk, meat
- VII. Swine
- A.. Common terminology of the swine industry
 - B. Breeds of pigs
 - C. Topics of selection and management: reproduction, production schemes
- VIII. Other Animals Used in Agriculture:
- A. Poultry
 - B. Camelids
 - C. Fallow deer/ Bison
 - D. Aquaculture
 - E. Apiculture