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

MASTER SYLLABUS

COURSE NUMBER – COURSE NAME
VSCT 207 – Health and Disease of Farm Animals

CIP Code: 01.8301
For assistance determining CIP Code, please refer to this webpage
or reach out to Sarah Todd at todds@canton.edu

Created by: Wendy Kuceyeski, DVM
Updated by: Wendy Kuceyeski, DVM

School of Science, Health, and Criminal Justice
Department: Veterinary Science Technology
Semester/Year: Spring 2025
A. TITLE: Health and Disease of Farm Animals

B. COURSE NUMBER: VSCT 207

C. CREDIT HOURS: (Hours of Lecture, Laboratory, Recitation, Tutorial, Activity)

   # Credit Hours: 2
   # Lecture Hours: 2 per week
   # Lab Hours: 0 per week
   Other: per week

   Course Length: 15 Weeks

D. WRITING INTENSIVE COURSE: Yes ☐ No ☒

E. GER CATEGORY: None: ☒ Yes: GER

   If course satisfies more than one: GER

F. SEMESTER(S) OFFERED: Fall ☐ Spring ☒ Fall & Spring ☐

G. COURSE DESCRIPTION:

This course is designed to acquaint students with the most common infectious and non-infectious diseases of cattle, horses, sheep, goats, and swine. The causative agent of these diseases will be identified and emphasis will be placed on the care of the animal and the prevention of the disease. Basic discussion of immunology and vaccination theory is also included as well as proper husbandry of these animals and how this relates to the wellbeing of these animals. Diseases of public health importance and zoonotic potential are also included.

H. PRE-REQUISITES: None ☒ Yes ☐ If yes, list below:

   VSCT 204 and 214

   CO-REQUISITES: None ☒ Yes ☐ If yes, list below:

I. STUDENT LEARNING OUTCOMES: (see key below)

   By the end of this course, the student will be able to:

<table>
<thead>
<tr>
<th>Course Student Learning Outcome [SLO]</th>
<th>Program Student Learning Outcome [PSLO]</th>
<th>GER [If Applicable]</th>
<th>ISLO &amp; SUBSETS</th>
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<td>ISLO #</td>
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| 1     | Communication Skills  
         Oral [O], Written [W] |
| 2     | Critical Thinking  
         Critical Analysis [CA], Inquiry & Analysis [IA], Problem Solving [PS] |
| 3     | Foundational Skills |

**KEY**

Institutional Student Learning Outcomes [ISLO 1 – 5]
Information Management [IM], Quantitative Lit./Reasoning [QTR]

4 Social Responsibility
Ethical Reasoning [ER], Global Learning [GL], Intercultural Knowledge [IK], Teamwork [T]

5 Industry, Professional, Discipline Specific Knowledge and Skills

*Include program objectives if applicable. Please consult with Program Coordinator

J. APPLIED LEARNING COMPONENT:  Yes ☐  No ☒

If YES, select one or more of the following categories:

☐ Classroom/Lab
☐ Internship
☐ Clinical Placement
☐ Practicum
☐ Service Learning
☐ Community Service

☐ Civic Engagement
☐ Creative Works/Senior Project
☐ Research
☐ Entrepreneurship
  (program, class, project)
K. **TEXTS:**

N/A

L. **REFERENCES:**

Merck Veterinary Manual Online https://www.merckvetmanual.com/


Keeping Livestock Healthy, Haynes. Storey Communications, Inc., Pownal, VT

M. **EQUIPMENT:** None ☒ Needed:

N. **GRADING METHOD:** A-F

O. **SUGGESTED MEASUREMENT CRITERIA/METHODS:**

Quizzes
Exams

P. **DETAILED COURSE OUTLINE:**

Nutritional and Vitamin Deficiencies
Bovine Diseases
Calving Complications
Bovine Abortion and Inherited Diseases
Equine Viral Encephalitis
Equine Diseases
Foaling Complications/Neonatal Diseases
Inherited Equine Diseases
Diseases in Swine
Diseases in Sheep and Goats
Diseases of Camelids
Honeybee Medicine
Skin Diseases in Farm Animals
Avian Respiratory Diseases
Hoof Diseases in Farm Animals
Common Neoplasms in Farm Animals
Rabies in Farm Animals
Transmissible Spongiform Encephalopathies
Reportable Diseases
Aquatic Farming
Cervid Farming

Q. **LABORATORY OUTLINE:** None ☒ Yes ☐