MASTER SYLLABUS

COURSE NUMBER – COURSE NAME
VSCT 204 – Large Animal Medicine and Therapeutic Techniques

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

Created by: Sarah Wray, DVM
Updated by: Sarah Wray, DVM

School of Science, Health, and Criminal Justice
Department: Veterinary Science Technology
Semester/Year: Fall 2024
A. TITLE: Large Animal Medicine and Therapeutic Techniques

B. COURSE NUMBER: VSCT 204

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

# Credit Hours: 3
# Lecture Hours: 2 per week
# Lab Hours: 2 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:

A course designed to prepare the Veterinary Science student for a role in a large animal veterinary practice. Emphasis will be on restraint and handling, physical exam, and therapeutic methods of the food, fiber, and equine patient. Students will also have an understanding of specialized diagnostics, anesthetic principles, and surgeries associated with these animals. This course also includes discussion on regulatory medicine and its importance to agriculture and public health.

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

VSCT 112, VSCT 114, VSCT 115

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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<tr>
<th>ISLO #</th>
<th>ISLO &amp; Subsets</th>
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<tbody>
<tr>
<td>1</td>
<td>Communication Skills&lt;br&gt;Oral [O], Written [W]</td>
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<td>2</td>
<td>Critical Thinking&lt;br&gt;Critical Analysis [CA], Inquiry &amp; Analysis [IA], Problem Solving [PS]</td>
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<td>3</td>
<td>Foundational Skills</td>
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*Include program objectives if applicable. Please consult with Program Coordinator

J. **APPLIED LEARNING COMPONENT:**

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

   - [X] Classroom/Lab
   - [ ] Internship
   - [ ] Clinical Placement
   - [ ] Practicum
   - [ ] Service Learning
   - [ ] Community Service
   - [ ] Civic Engagement
   - [ ] Creative Works/Senior Project
   - [ ] Research
   - [ ] Entrepreneurship
   - Community Service (program, class, project)

K. **TEXTS:**

   N/A

L. **REFERENCES:**

   Holtgrew-Bohling, Large Animal Clinical Procedures for Veterinary Technicians, Elsevier. St. Louis, MO

M. **EQUIPMENT:** *None [ ]  Needed:* Equipment provided by program; overalls/coveralls; high rubber boots.

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

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

   Quizzes
   Exams
   Laboratory practical exam
   Case study
   Laboratory participation

P. **DETAILED COURSE OUTLINE:**

   Introduction to large animal practice
   Common medical procedures for all species
   Small Ruminant Medicine and Therapeutics
   Bovine Medicine and Therapeutics
   Surgeries: Displaced Abomasum, C-section, castration, dehorning
Evaluations: Tuberculosis, mastitis, breeding soundness exam (BSE)
Therapies for: Uterine torsion, uterine prolapse, rectal prolapse
Poultry Medicine and Therapeutics
Equine Medicine and Therapeutics
Porcine Medicine and Therapeutics
Obstetrics
Regulatory Medicine
Euthanasia

Q. LABORATORY OUTLINE: ☐ None ☑ Yes ☒

Lab 1: Safety/lab locations/carpool sign up
Lab 2: Farm tour/nutrition/BCS/Knot tying
Lab 3: Bovine handling (PE, vaccine, venipuncture)
Lab 4: Bovine handling (PE, medical procedures)
Lab 5: Greenwood Dairy Greenwood Dairy 9/27/23
Lab 6: Sheep/Goat handling (PE, hoof trim, restraint, venipuncture)
Lab 7: Sheep/Goat handling (PE, hoof trim, restraint, venipuncture)
Lab 8: Poultry (PE, Handling)
Lab 9: Equine Handling (PE, venipuncture)
Lab 10: Equine Handling (PE, medical procedures)
Lab 11: Lab practical
Lab 12: Equine Radiology
Lab 13: Diagnostic Sampling
Lab 14: Necropsy