

Course Code: VTT 116**Course Title:** Large Animal Nursing**Department:** Allied Health**Effective Date:** Summer 2026**PCS Code:** 1.2 - Occupational/Technical Instruction**CIP Code:** 01.8301**Repeatability:** 0

Credit Hours

Catalog Notation: 1-2-2**Credit Hour Distribution:**

Lecture: 1

Lab: 2

Clinical: 0

Total: 2

General Course Information

Catalog Description

Handling, restraint, and nursing techniques in ovine, bovine, equine, and swine species.

General Course Objectives

This is an introductory course designed to familiarize the student with the basic concepts and procedures encountered in livestock production and large animal veterinary medicine, including methods and procedures used in the management and health of food animals and horses.

Minimum Placement Levels**English**

Placement out of ENG 099

Reading

Placement out of CCS 099

Math

Placement out of MAT 072

Prerequisites

Concurrent enrollment in VTT 110, VTT 113, VTT 114, and VTT 119

Admission into the Veterinary Technology program

Methods of Evaluation

2-4 comprehensive hourly examinations, 1 comprehensive final examination, 3 comprehensive lab practicals, and 1 written research paper.

Instructional Materials and Additional Supplies

McCurnin Clinical Textbook for Veterinary Technicians, current edition, Bassert, J. and Thomas, J. 978-1416057000

Large Animal Clinical Procedures for Veterinary Technicians, current edition, Holtgrew-Bohling, K.

Course Content

General Learning Outcomes (GLOs)

- Communication: Students will demonstrate the ability to read, write, listen, and speak effectively.

Course Segments and Student Learning Outcomes

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Introduction	1. Explain the concepts of large animal medicine including handling techniques, breeding, nursing techniques, equipment use, personal safety, and general barn etiquette.	1	0	0
Ovine	1. Perform proper handling and restraint, and obtain physical exam data on sheep. 2. Explain the use of proper terminology and breeding management techniques. 3. Describe the components of proper nursing techniques.	3	8	0
Bovine	1. Perform proper handling and restraint, and obtain physical exam data on cattle. 2. Classify the differences in breed characteristics, the knowledge of breeding management, and the digestive system of the ruminant. 3. Describe various systems of production, the dairy herd, and production of milk, including CMT testing and special procedures. 4. Describe proper nursing techniques and techniques for administering routes of medications/vaccines.	5	11	0
Equine	1. Perform proper handling and restraint, and obtain physical exam data on horses. 2. Classify breed characteristics and explain breeding management. 3. Describe the equine skeleton and equine digestive system. 4. Explain proper nursing techniques and proper techniques for administering routes of medications/vaccines.	4	11	0
Swine	1. Classify breed characteristics. 2. Explain physiological data, proper terminology, and reproductive techniques. 3. Describe systems of production and explain nursing techniques and proper techniques for administering routes of medications/vaccines. 4. Explain common challenges with raising large animals including parasites, economic impacts, and management practices.	1	0	0
Breed Recognition	1. Distinguish common breeds of the ovine, bovine, equine, and swine species.	1	0	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
15	30	0