

VS 110
Animal Diseases I
3 Credits

Instructor: Melissa Hall; TBA
780 853 8487;

Original Developer: Dr. Robyn Rodgers

Current Developer: Melissa Hall;

Reviewer: Brianne Bellwood

Created: 07/01/2014

Revised: 16/12/2020

Approval: 04/01/2021

Alternate Delivery: No

The Implementation Date for this Outline is 04/01/2021

Copyright©LAKELAND COLLEGE. Email: admissions@lakelandcollege.ca
2602 - 59 Avenue, Lloydminster, Alberta, Canada T9V 3N7. Ph: 780 871 5700
5707 College Drive, Vermilion, Alberta, Canada T9X 1K5. Ph: 780 853 8400
Toll-free in Canada: 1 800 661 6490



VS 110 Version: 6



Animal Diseases I

Calendar Description

This course gives students an awareness of the most commonly recognized diseases in small animal veterinary practice. The emphasis is on the technologist's role and students discuss case management, disease prevention, treatments, nutrigenomics and diagnostic testing. The lab component of VS110 covers the anatomy and physiology of all body systems.

Rationale

This is a required course for students in the Animal Health Technology program. This course is a requirement for graduating Animal Health Technologists to have an understanding of preventative medicine and diseases in small animal practice. Owner education is a very important component of the Veterinary Technologist's role in practice, and it is also expected that the graduate RVT be able to discuss the common diseases and conditions encountered in small animal practice, and their associated diagnostics and treatments.

Students also continue to perform clinic duty rotations and clinic cleaning in the College animal hospital. This includes care and maintenance of clinic supplies, and clinic sanitation. Record keeping and proper kennel care may be part of clinic duty as well.

Prerequisites

VS 101

Co-Requisites

VS 106

Course Learning Outcomes

Upon successful completion of this course, students will be able to

1. discuss the common diseases involving the following systems in the dog and cat: gastrointestinal, nervous system, integumentary, eyes and ears, urinary, endocrine, musculoskeletal, cardiovascular and respiratory.
2. discuss the common terms and conditions in Oncologic medicine of dogs and cats.

3. explain the common infectious diseases of dogs and cats, including their management and prevention.
4. demonstrate correct completion of health certificates and health records
5. explain the physiology of all animal body systems.
6. demonstrate disease and anatomical knowledge through the use of models and live animals.

Resource Materials

Required Text(s):

None

Reference Text(s):

None

Conduct of Course

This course consists of 42 hours of lecture and 21 hours of lab.

Clinic duty and cleaning shifts are also a component of this course, with a pass/fail evaluation.

The lecture portion of the course covers the theory of common diseases of dogs and cats which will be presented in practice.

The lab portion covers aspects of diseases and their relevant anatomy and physiology.

A lab coat must be worn for every lab, and closed toe footwear. Failure to be prepared for labs may result in the student being asked to leave and obtain a 0 for that lab.

Evaluation Procedures

Assignments/quizzes:	5%
Midterms (3):	40%
Final Exam:	25%
Lab Assignments/quizzes	15%
Lab Final Exam:	15%
Lab Competencies:	Pass/Fail
Clinic Duty	Pass/Fail
Clinic Cleaning	Pass/Fail

Students must successfully pass or complete the lecture portion of the course with a 60% (C), and the lab portion with a 70% (B-). A mark in the lecture portion of 50-59% is recorded as a 'D'. A mark of 50-69% in the lab portion is recorded as a 'D'.

A grade of C (60%) in the lecture portion of this course and a B- (70%) in the lab portion of this course is required to progress to VS 210 Animal Health Technologist Practicum.

**Successful completion of all assigned course competencies is a requirement for passing the course. Evaluation of competencies is based on the student's ability to independently complete the procedure correctly, accurately and within a specified period of time. Competencies are scored on a pass/fail basis.*

Grade Equivalents and Course Pass Requirements

Letter	F	D	D+	C-	C	C+	B-	B	B+	A-	A	A+
Percent Range	0-49	50-52	53-56	57-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-100
Points	0.00	1.00	1.30	1.70	2.00	2.30	2.70	3.00	3.30	3.70	4.00	4.00

A grade of C (60%) is required in this course to progress to year two in the Animal Health Technology program.

Attendance

Classroom and laboratory attendance is considered vital to the learning process and as significant to the students' evaluation as examinations and reports, therefore absenteeism is recorded.

- a. Students having a combination of excused and/or unexcused absence of 20 percent or higher for the scheduled course hours can be required to withdraw and would then automatically receive a "RW" (required withdrawal) for the course, regardless of any other evaluation results. (RW is a failing grade).
- b. An excused absence is one that is verified with your instructor. Verification should be prior to the absence or the next class day following the absence. Verification of the absence may take the form of a note from your doctor/College nurse regarding illness, or a note from another instructor regarding a field trip or other activity, or authorization by your instructor following an in-person meeting. Be sure to contact your instructor and ask what they will require from you as verification for each absence. An unexcused absence is anything NOT verified by the instructor prior to the absence or the next class day following the absence.

NOTE: Any exceptions to the above attendance policy (e.g. timetable conflicts, work-related issues) must be approved in writing by the Department Chair prior to the beginning of the course.

It is the students' responsibility to know their own absentee record.

Normal hours are 8:30 a.m. to 6:30 p.m., with potential for evening courses, exams or extended field trips. Students are expected to be available for classes during these times.

Course Units/Topics

1. Infectious diseases of dogs and cats
2. Diseases of the ear
3. Diseases of the eyes
4. Diseases of the gastrointestinal system
5. Diseases of the endocrine system
6. Diseases of the skin
7. Oncology Medicine
8. Diseases of the cardiovascular system
9. Diseases of the respiratory system
10. Diseases of the nervous system,
11. Diseases of the urinary system
12. Diseases of the musculoskeletal system



Copyright©LAKELAND COLLEGE.
2602 - 59 Avenue, Lloydminster, Alberta, Canada T9V 3N7. Ph: 780 871 5700
5707 College Drive, Vermilion, Alberta, Canada T9X 1K5. Ph: 780 853 8400
Toll-free in Canada: 1 800 661 6490 E-mail: admissions@lakelandcollege.ca