

**DEPARTMENT OF ANIMAL SCIENCE
VETERINARY TECHNOLOGY
COURSE OUTLINE – Winter 2026**

AH 442 Animal Diseases– 3 (5-0-0) 60 Hours for 12 Weeks

Northwestern Polytechnic (NWP) acknowledges that our campuses are located on Treaty 8 territory, the ancestral and present-day home to many diverse First Nations, Metis, and Inuit people. We are grateful to work, live and learn on the traditional territory of Duncan's First Nation, Horse Lake First Nation and Sturgeon Lake Cree Nation, who are the original caretakers of this land.

We acknowledge the history of this land and we are thankful for the opportunity to walk together in friendship, where we will encourage and promote positive change for present and future generations.

INSTRUCTOR:	Karlee Worobetz	PHONE:	780 835 6686 (office)
OFFICE:	FAS 141	E-MAIL:	kworobetz@nwpolytech.ca
OFFICE HOURS:	As posted		

CALENDAR DESCRIPTION:

Students will be able to discuss disease based on classification as metabolic, nutritional, inherited, toxic, endocrine or other. Common diseases of domestic animals will be discussed with respect to etiology, specific hosts, diagnostic techniques, treatment and prevention and human health implications.

PREREQUISITE(S)/COREQUISITE:

- Must be registered in the NWP Veterinary Technology Program
- AH244, AH342

REQUIRED TEXT/RESOURCE MATERIALS:

- Various; suggested *Merck Veterinary Manual*, Merck & Co., 2010, 10th Edition or Merck Veterinary Manual online
- Some relevant materials will be posted on D2L under Animal Diseases
- *McCurnin's Clinical Textbook for Veterinary Technicians (9th or 10th Edition)*
- *McCurnin's Clinical Textbook for Veterinary Technicians Workbook (9th or 10th Edition)*

DELIVERY MODE(S):

High Flex. This course is delivered in-person and may be lectured remotely via Zoom. Final exams will occur in-person. Students must have a computer with a webcam and reliable internet connection.

Technological support is available through helpdesk@nwpolytech.ca

LEARNING OUTCOMES:

An introduction to common diseases of domestic animals in the following categories (but not necessarily in this order):

- **Emergency and ICU**
On completion of this unit,
- **Oncology**
On completion of this unit, the student will be able to briefly discuss the etiology, diagnostic techniques, treatment, and life stages of patients with cancer
- **Toxicology**
On completion of this unit, the student will be able to briefly discuss the etiology, diagnostic techniques, treatment, prevention, and health implications of common toxins
- **Endocrine Disease**
On completion of this unit, the student will be able to briefly discuss the etiology, specific hosts, diagnostic techniques, treatment, prevention, and human health implications of common endocrine diseases.

TRANSFERABILITY:

Please consult the Alberta Transfer Guide for more information. You may check to ensure the transferability of this course at the Alberta Transfer Guide main page <http://www.transferalberta.ca>.

**** Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability**

EVALUATIONS:

GRADING CONVERSION CHART for ANIMAL HEALTH TECHNOLOGY

- **OVERALL GRADE POINT AVERAGE HAS TO BE 2.0 OR HIGHER TO BE SUCCESSFUL IN THE VT PROGRAM.**

GRADING CRITERIA:

Please note that most universities will not accept your course for transfer credit **IF** your grade is **less than C-**.

Alpha Grade	4-point Equivalent	Percentage Guidelines	Alpha Grade	4-point Equivalent	Percentage Guidelines
A+	4.0	95-100	C+	2.3	67-69
A	4.0	85-94	C	2.0	63-66
A-	3.7	80-84	C-	1.7	60-62
B+	3.3	77-79	D+	1.3	55-59
B	3.0	73-76	D	1.0	50-54
B-	2.7	70-72	F	0.0	00-49

EXAMINATIONS

Mark Distribution

A. Tests &/or Assignments	100%
	100%

*A minimum of 60% must be obtained in order to successfully pass AH442.

COURSE SCHEDULE/TENTATIVE TIMELINE:

See course objectives for tentative timeline.

Course schedules are posted.

STUDENT RESPONSIBILITIES:

Enrolment at NWP assumes that the student will become a responsible citizen of the Institute. As such, each student will display a positive work ethic, take pride in and assist in the maintenance and preservation of Institute property, and assume responsibility for their education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting instructor expectations concerning attendance, assignments, deadlines, and appointments.

Veterinary Technology Program Attendance & Conduct Summary

- **Zero Tolerance for Impairment:** Attending labs, exams/quizzes, lectures, or guest speaker events under the influence of alcohol or impairing substances (including certain medications) is strictly prohibited. Violations result in unexcused absences and a mark of zero.
- **Mandatory Attendance:** Attendance is required for all exams, guest speakers and labs. Arriving late to labs, lectures, quizzes/exams will be

considered an unexcused absence. Unexcused absences (at the instructor's discretion) result in:

- **5% deduction** from the final course grade (labs/guest speakers)
- **Absence Approval:** Absences must be approved in advance or as soon as possible afterward with valid written documentation (e.g., doctor's note). Employment conflicts are not considered valid excuses.
- **Make-Up Policy:** Labs, lectures, and guest speakers cannot be made up. Missed assessments due to unexcused absences receive a grade of zero. Excused absences do not exempt students from required work or deadlines.
- **Exam Conduct:** No electronic devices (phones, smartwatches, headphones, tablets etc) are permitted during exams or evaluations. Having one present will result in immediate dismissal and a grade of 0%.
- **Further Guidelines:**
 - Spelling errors in exams/quizzes, assignments and medical records will result in a 0.5% deduction for each occurrence.
 - All handwritten materials that are submitted to the instructor must be using blue or black pen, no white out and using appropriate medical corrections.

INFORMATION TECHNOLOGY

NWP servers may be monitored. Student accounts are visible via ABTutor and student activity on NWP networks may be monitored during supervised exams and/or anytime students are on NWP networks. The collection of and access to the personal information listed above as permitted by the *Freedom of Information and Protection of Privacy Act*.

STATEMENT ON ACADEMIC MISCONDUCT:

Academic Misconduct will not be tolerated. For a more precise definition of academic misconduct and its consequences, refer to the Student Rights and Responsibilities policy available at <https://www.nwpolytech.ca/about/polytechnic-leadership/policies-directory>

**Note: all Academic and Administrative policies are available on the same page.