NORTHWESTERN POLYTECHNIC

DEPARTMENT OF ANIMAL SCIENCE

COURSE OUTLINE – FALL 2022

AH 112 ANIMAL BEHAVIOUR AND RESTRAINT – 2.5 (2-0-2) 64 HOURS

16 Weeks

Northwestern Polytechnic respectfully acknowledges that we are located on Treaty 8 territory, the traditional homeland and gathering place for many diverse Indigenous peoples. We are honoured to be on the ancestral lands of the Cree, Dene/Beaver and Métis, whose histories, languages, and cultures continue to influence our vibrant community. We are grateful to have the opportunity to work, learn, and live on this land.

INSTRUCTOR:	Rhonda Shaw, RVT	**PHONE:**	(780) 835-6702
OFFICE:	AS137	**E-MAIL:**	RShaw@nwpolytech.ca
OFFICE HOURS:	Contact instructor for appointment		

FALL 2022 DELIVERY:

High Flex. This course includes a combination of in-person attendance at the NWP Fairview Campus and possible remote attendance via Zoom.

• For the remote delivery components: students must have a computer with a webcam and reliable internet connection. Technological support is available through helpdesk@nwpolytech.ca.

• For the onsite components: students must follow NWP Campus Access Guidelines and Expectations (https://www.nwpolytech.ca/riskmanagement/covid19/updates.html). The dates and locations of the onsite components can be found on the Course Calendar/Schedule.

CALENDAR DESCRIPTION:

Normal animal behaviour and specific behaviour problems of different species and breeds will be covered. Students will learn about human-animal bonding and basic physiological requirements of animals. The ability to handle and restrain small and

large animals is taught with emphasis on safety for patient and handler. Current Behaviour and Restraint modification guidelines and procedures will be discussed.

PREREQUISITE(S)/COREQUISITE:

- Must be registered in the NWP Animal Health Technology Program

REQUIRED TEXT/RESOURCE MATERIALS:

- Sheldon, *Animal Restraint for Veterinary Professionals, 2nd edition,* Elsevier, 2017
- Yin, *Low Stress Handling Restraint and Behavior,* Cattledog, 2009
- Small and Large Animal Behaviour and Restraint Course Pack
- Register for Fear Free Course Level 1
    - https://fearfreepets.com/about/fear-free-student-application/

DELIVERY MODE(S):

Lab

Lecture

COURSE OBJECTIVES/LEARNING OUTCOMES:

Refer to calendar description and course timeline.

TRANSFERABILITY: (if applicable)

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 CRITERIA:
GRADING CONVERSION CHART for ANIMAL HEALTH TECHNOLOGY
OVERALL GRADE POINT AVERAGE HAS TO BE 2.0 OR HIGHER TO BE SUCCESSFUL IN THE AHT PROGRAM.

Alpha Grade	**4-point Equivalent**	**Percentage Guidelines**		**Alpha Grade**	**4-point Equivalent**	**Percentage Guidelines**
A+	4.0	90-100		C+	2.3	67-69
A	4.0	85-89		C	2.0	63-66
A-	3.7	80-84		C-	1.7	60-62
B+	3.3	77-79		FAIL	1.3	55-59
B	3.0	73-76		FAIL	1.0	50-54
B-	2.7	70-72		WF	0.0	00-49

	EXAMINATIONS	Mark Distribution
	A. Quizzes	10%
	B. Fear Free Level 1 Course	15%
	C. Theory Written Final Exam	25%
	D. Lab Written Final Exam	15%
	E. Large Animal Evaluation	15%
	F. Lab Prep and Clean-Up	5%
	G. Animal Care Related Duties	15%
		100%

A passing grade for this course is 60% and a minimum of 70% must be obtained in the animal care related portion of the course in order to pass AH112.

COURSE SCHEDULE/TENTATIVE TIMELINE:

- **The Human-Animal Relationship**
  - Define various terms
  - Describe and discuss the four reasons animal behaviour is studied in veterinary medicine
  - List and describe the purposes of animals in society
  - Discuss domesticated animals

- **Canine Behaviour**
  - Define various terms
  - Describe and discuss the development of canine behaviour
  - Describe and explain visual, auditory and olfactory communication in the canine
  - Describe sleep patterns
  - Describe and explain various types of canine aggression and predisposing factors
  - Discuss canine aggression intervention techniques
  - Describe and explain canine learning styles/techniques
  - Discuss common behaviour problems and modification techniques

- **Feline Behaviour**
  - Define various terms
  - Describe and discuss developmental stages of feline behaviour
  - Describe and discuss auditory, visual and olfactory communication in the feline
  - Describe sleeping patterns
  - Describe and explain various types of feline aggression and predisposing factors
  - Discuss aggression intervention techniques
  - List feline learning patterns
  - Describe and discuss digestive factors effecting food intake of the feline
  - Describe and discuss different causes and symptoms of house soiling and intervention techniques

- Discuss common behaviour problems and modification techniques

- **Equine Behaviour**
  - Define various terms
  - Describe and discuss the development of equine behaviour
  - Define and explain auditory, visual and olfactory equine communication
  - Describe sleep patterns
  - Describe and discuss causes and types of aggression
  - Discuss equine aggression intervention techniques
  - Identify and explain common behaviour problems and owner intervention techniques

- **Ruminant Behaviour**
  - Define various terms
  - Describe and discuss development of common ruminants
  - Describe sleep patterns
  - Describe and explain auditory, visual and olfactory communication in the caprine, ovine and bovine species
  - List ruminant learning patterns

- **Porcine Behaviour**
  - Define various terms
  - Describe and discuss the development of porcine behaviour
  - Describe and discuss swine communication
  - Describe sleep patterns
  - Describe and discuss porcine aggression and intervention techniques
  - List porcine learning patterns

STUDENT RESPONSIBILITIES:

Enrolment at NWP assumes that the student will become a responsible citizen of the Polytechnic 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 his/her education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting

instructor expectations concerning attendance, assignments, deadlines, and appointments.

For your safety, the safety of others and the safety of the animals there will be a zero tolerance for anybody showing up for lab sessions, animal care rotations or lectures/guest speakers, under the influence of alcohol or other medication that may cause physical impairment or disruptive behaviour. Sessions missed for the above reasons will be considered unexcused with deductions.

Animal care related duties refer to the provision of essential care for program dogs (walking, behaviour modification / observation and documentation). Students are required to participate based on a rotation schedule which will include weekends and holidays. Not doing so according to set guidelines will result in deductions. Schedule changes are limited and must be approved by the instructor prior to the scheduled time. See K9 Socialization / Walking Rotation Contract and information sheet for specific guidelines and deductions.

Students are expected to show up prepared for lab. This includes, but is not limited to appropriate clothing, equipment and knowledge (assigned readings). Failure to do so will result in student dismissal from lab to acquire what is necessary and a deduction in the lab prep portion.

Attendance is required to ensure student success and is mandatory in all scheduled lab, exam, guest speaker or animal care duty rotations. Absences must be excused by the instructor **prior** to the occurrence or **ASAP** after the occurrence with an acceptable third party written note (e.g. doctor's note). Exceptions to this are at the discretion of the instructor. A 5% deduction off the **overall** course mark will occur for **each** unexcused absence from a lab or guest speaker. A 5% deduction off the animal care related duty portion will occur for **each** unexcused absence from animal care related duties. 3 or more unexcused absences consecutive or otherwise, in animal care related duties will result in an automatic fail of AH 112.

Missed lecture, lab or guest speaker are not available for make-up. Missed lecture / lab assignments, exams and reports will result in a 0% grade (without an excused absence). Having an excused absence for missing a lecture, lab, guest speaker or exam does not change the students responsibility to acquire the information given, nor their obligation to complete required assignments / exams by the date required.

No electronic devices are to be used during exams / evaluations; having an electronic device present at these times will result in dismissal from class and an automatic 0% grade for exam or evaluation.

Refer to the NWP Animal Health Technology Student Competency Checklist book for more information on pass requirements and deductions for the AHT Program.

STATEMENT ON PLAGIARISM AND CHEATING:

Cheating and plagiarism will not be tolerated and there will be penalties. For a more precise definition of plagiarism and its consequences, refer to the Student Conduct section of the Northwestern Polytechnic Calendar at https://www.nwpolytech.ca/programs/calendar/ or the Student Rights and Responsibilities policy which can be found at https://www.nwpolytech.ca/about/administration/policies/index.html.

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

ADDITIONAL INFORMATION:

Any student wishing to see a marked quiz or midterm must make an appointment with the instructor to review. Final exams are not available for review.

YEAR: 2022