

SCHOOL OF APPLIED SCIENCE AND TECHNOLOGY
ANIMAL HEALTH TECHNOLOGY

COURSE OUTLINE – Winter 2024

AH 243 Laboratory and Exotic Animals– 1.5 (1.5-0-1) 40 Hours for 8 Weeks

Northwestern Polytechnic 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: Rhonda Shaw **PHONE:** 780-835-6702
OFFICE: FAS137 **E-MAIL:** rshaw@nwpolytech.ca

OFFICE HOURS: Contact instructor for appointment

CALENDAR DESCRIPTION:

Students will learn basic husbandry, common nursing care procedures and diseases of rabbits, rodents, birds, reptiles and other exotic animals. Human health implications of handling and working with these animals will be discussed. Students will gain knowledge of regulations and protocols involved in working with laboratory and exotic animals. Discussion of Canadian Council on Animal Care Regulations is included.

PREREQUISITE(S)/COREQUISITE:

Must be registered in the NWP Animal Health Technology Diploma Program.

AH112

AH141

AH172

REQUIRED TEXT/RESOURCE MATERIALS:

Sheldon, *Animal Restraint for Veterinary Professionals*, Elsevier, 2024
Long Sleeve Lab Coat, Closed Toe Shoes, Hair Tie

OPTIONAL TEXT:

Bonnie Ballard and Ryan Cheek, *Exotic Animal Medicine for the Veterinary Technician*, Blackwell, 2016, 3rd edition

DELIVERY MODE(S):

Lab / Lecture / Guest Speaker (when possible)

Quizzes, midterm, final exams will be supervised and in-person. Students must have a computer. Technological support is available through HelpDesk@nwpolytech.ca

COURSE OBJECTIVES/LEARNING OUTCOMES

Legislation and Regulation of Animal Research

Upon successful completion of this Learning Outcome Guide, you will be able to describe legislations and regulations of animal research.

Rodents

Upon successful completion of this Learning Outcome Guide, you will be able to discuss basic husbandry, common nursing care and diseases of rodents.

Guinea Pigs

Upon successful completion of this Learning Outcome Guide, you will be able to discuss basic husbandry, common nursing care and diseases of guinea pigs.

Rabbits

Upon successful completion of this Learning Outcome Guide, you will be able to discuss basic husbandry, common nursing care and diseases of rabbits.

Reptiles and Amphibians

Upon successful completion of this Learning Outcome Guide, you will be able to discuss basic husbandry, common nursing care and diseases of reptiles and amphibians.

Avian

Upon successful completion of this Learning Outcome Guide, you will be able to discuss basic husbandry, common nursing care and diseases of birds.

Non-Human Primates

Upon successful completion of this Learning Outcome Guide, you will be able to discuss basic husbandry, common nursing care and diseases of non-human primates.

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:

EXAMINATIONS	Mark Distribution
A. Quizzes	30%
B. Housing Project	15%
C. CCAC Assignment	5%
D. Theory Final Exam	30%
E. Lab Final Exam	20%
	100%

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

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 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.

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/administration/policies/index.html>.

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

Additional Information

For your safety and the safety of others there will be zero tolerance of anyone showing up for the sessions under the influence of alcohol or other medications which may cause physical impairment or disruptive behaviour. If you are on a standard or prescribed medication, please consult with your instructor prior to the session. Sessions missed for the above reasons are considered as missed without a valid excuse and result in a 5% deduction off final mark for every session missed.

Regular attendance is recommended to ensure student success. Attendance is mandatory for labs, housing assignment day and exotics sanitation rotations. A 5% deduction, for each incidence, off final mark will occur if a student has an unexcused absence from a lab, housing assignment or sanitation rotation. A 0% grade will be given for any late assignments, projects or missed quizzes.

Bring competency books to animal labs, failure to bring competency book will result in a 1% deduction off final course mark for AH 243, for each occurrence. Deductions will occur off final course mark for inadequate lab prep (e.g. videos assigned etc.) and/or cleanup.

Having a valid reason for missing a lab or quiz/exam does not change the student's responsibility to acquire the information that was missed nor your obligation to complete assignments/quizzes/exams by the date required. Missed labs are not available for make-up. A valid reason requires prior or ASAP notification to the instructor and acceptable third party written note (doctor, etc.). Exceptions to this are at the discretion of the instructor.

Illegible writing will result in deductions and ½ marks will be deducted for spelling errors on assignments, quizzes and exams. No electronic devices are to be used in exams or quizzes, having one present during an exam or quiz will result in an automatic 0%.