

School of Veterinary Sciences



An elderly lady pets a purring cat and feels a little less lonely. A therapy dog visits a sick boy in hospital. The kids play with their puppy in the park. Pets, large and small, bring joy and companionship to our lives. All they need in return is our care and attention.

If you love animals and want to work with them, the School of Veterinary Sciences welcomes you!

Features and Highlights

- The College is a member of the Ontario Veterinary Technician Educators Association and is recognized by both the Ontario Association of Veterinary Technicians and the Canadian Veterinary Medical Association.
- Northern College's Veterinary Technician and Technology programs receive hundreds of applications from across Ontario.
- The School of Veterinary Sciences usually receives animals from shelters and animal control facilities. The animals are spayed or neutered, treated for any health problems, and vaccinated. Animals that have not been adopted out by the end of the year are sent to shelters and/or rescue organizations for adoption whenever possible.

Watch for Companion Animal Rehabilitation, a new three-year program scheduled to start September 2010 pending approval. For updated information, go to www.northernc.on.ca.

Programs

- Agriculture
- Animal Grooming
- Veterinary Assistant
- Veterinary Technician
- Veterinary Technology – Wildlife Rehabilitation



CANADIAN VETERINARY
MEDICAL ASSOCIATION

L'ASSOCIATION CANADIENNE
DES MÉDECINS VÉTÉRINAIRES

Length	2 Semesters
Location(s)	(HL) Haileybury
Code(s)	NORT-H146 – HL

Program of Studies**Semester I**

AP1003	Agricultural Mathematics
AP1013	Plant Production
AP1023	Soil Composition and Uses
AP1033	Risk Management
AP1043	Machinery Maintenance and Repair
CM1113	Communications I General Education

Semester II

AP2002	Finance
AP2003	Insect and Disease Management
AP2012	Valued-added Products and Alternate Markets
AP2013	Animal Health
AP2023	Alternate Energy Sources
AP2033	Nutrient Management
AP2043	Food Safety

For program information:

Dr. Sarah McLaughlin
Program Coordinator
705-672-3376 ext. 8812
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This one-year program prepares students for a career within the agri-food industry or the pursuit of further education. The program provides students with knowledge in agriculture-related areas and thereby, employment opportunities.

The program will be offered in a multi-format style including classes, field trips, and individual learning using Blackboard software.

Employment Opportunities

Graduates of this program may pursue employment within the agri-food industry including production management, sales, international food production development, commodity board representation, and education.

Admission Requirements

Ontario Secondary School Diploma (OSSD)
Grade 12 English (C, M, U)
Proficiency in word processing recommended.

Or equivalent.

Or mature student status (an applicant who does not have a high school diploma or equivalent, and will have reached the age of 19 years on or before the start of the program). Mature students must undergo academic testing prior to admission into a program. Call the Admissions Office at 705-235-7222 for more details. Proficiency in word processing recommended.

Note: Academic prerequisites for this program may be obtained free of charge through Academic Upgrading. Refer to the Post-Secondary Preparation section in this calendar for more details.

Animal Grooming

Through a combination of lectures and practical experience, this one-year program will prepare students to work as an animal groomer. Students can use the skills they receive to work for other animal service providers or to start their own business.

This program may be taken concurrently with the Veterinary Assistant program. The student would then graduate with a double certificate. Call the Haileybury Campus for further details.

Employment Opportunities

Graduates of this program are equipped with a solid base of technical skills and knowledge in animal grooming. They will be able to work in a number of settings, such as veterinary clinics, veterinary hospitals, pet grooming centers and pet stores. They will also be able to start their own business.

Admission Requirements

Ontario Secondary School Diploma (OSSD)
Grade 12 English (E,C,M,U)
Proficiency in word processing recommended

Or equivalent

Or mature student status (an applicant who does not have a high school diploma or equivalent, and will have reached the age of 19 years on or before the start of the program). Mature students must undergo academic testing prior to admission into a program. Call the Admissions Office at 705-235-7222 for more details.

Rabies vaccine series and titre prior to start of program (at student's expense)

Note: Students are expected to provide a basic grooming kit.

Note: Academic prerequisites for this program may be obtained free of charge through Academic Upgrading. Refer to the Post-Secondary Preparation section in this calendar for more details.

Length	2 Semesters
Location(s)	(HL) Haileybury
Code(s)	NORT-H133 – HL

Program of Studies

Semester I

AG1003	Grooming – Cats I
AG1006	Grooming – Dogs I
GN1062	Ethics
GN1082	College Success
VA1012	Client Relations I
VA1023	Grooming I
VA1033	Clinical Procedures
VA2023	Animal Handling I
VT1123	Kennel Duty I

Semester II

AG2002	Grooming - Cats II
AG2006	Grooming – Dogs II
BU2024	Small Business Management
VA2012	Client Relations II
VA2032	Feeds and Feeding of Companion Animals
VA2033	Grooming II
VA2043	Animal Handling II
VT2123	Kennel Duty II

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Length	2 Semesters
Location(s)	(HL) Haileybury
Code(s)	NORT-H057 – HL

Intakes

January 2010
 May 2010
 September 2010
 January 2011
 May 2011
 September 2011

Program of Studies**Semester I**

GN1062 Ethics
 VA1012 Client Relations I
 VA 1013 Hospital Procedures
 VA1022 Animal Structure and Function
 VA1023 Grooming I
 VA1033 Clinical Procedures
 VA2022 Large Animal Studies
 VA2023 Animal Handling I
 VT1123 Kennel Duty I
 GN1082 College Success

Semester II

VA2012 Client Relations II
 VA2032 Feeds and Feeding of Companion Animals
 VA2033 Grooming II
 VA2043 Animal Handling II
 VT2043 Management Technology
 VT2123 Kennel Duty II

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This one-year program will prepare students to assist members of the veterinary team. They will gain the skills required to assist professionals working in associated fields of veterinary science and other applied animal sciences.

Upon completion of the program, students will be able to care for patients' basic needs under the direction of the veterinarian or designate, administer and monitor the use of physical restraint agents, assist the technologist and technician by preparing for surgical procedures, assist the technologist and technician with standard diagnostic laboratory work, counsel clients and co-workers on patient care, prepare labels for medication, book appointments, and perform receptionist duties.

Employment Opportunities

Graduates may find employment in veterinary practices including federal and provincial institutions, universities, humane societies, provincially licensed pounds, pet food outlets, veterinary companies, grooming facilities and boarding kennels.

Admission Requirements

Ontario Secondary School Diploma (OSSD)

Grade 12 English (E,C,M,U)

Grade 11 Biology (C, M, U)

Proficiency in word processing recommended

Rabies vaccine series and titre prior to start of program (at student's expense)

Some experience in a veterinary clinic or hospital is considered an asset.

Or equivalent

Or mature student status (an applicant who does not have a high school diploma or equivalent, and will have reached the age of 19 years on or before the start of the program). Mature students must undergo academic testing prior to admission into a program. Call the Admissions Office at 705-235-7222 for more details. Proficiency in word processing recommended.

Rabies vaccine series and titre prior to start of program (at student's expense)

Some experience in a veterinary clinic or hospital is considered an asset.

Note: Academic prerequisites for this program may be obtained free of charge through Academic Upgrading. Refer to the Post-Secondary Preparation section in this calendar for more details.

Veterinary Technician

Northern College is a certified member of the Ontario Association of Veterinary Technicians and the Canadian Veterinary Medical Association. Our graduates are eligible to write the OAVT registration examination.

This two-year diploma program is suited to students who are interested in working with animals. The program will provide them with the knowledge and animal handling skills required to be an integral team player within veterinary practices, research facilities, or other animal related industry.

Students will learn to perform basic patient examination, collect data on vital signs, administer medications and prepare pharmaceuticals as prescribed by a veterinarian. They will explore anesthesia, animal nursing, surgical assistance, dental prophylactic procedures, diagnostic laboratory work and tests, such as blood chemistries, culture and sensitivity, and electrocardiograms.

This program covers veterinary practice management skills including computer applications, recognizing behavioral signs of small animals and educating and counseling clients in the area of pet nutrition.

Employment Opportunities

Graduates may find employment as veterinary technicians in a veterinary hospital, clinic, public or private zoo, animal shelter, pet food store, or as sales representatives for veterinary companies. They may also be employed by the federal and provincial governments, large pharmaceutical companies, diagnostic laboratories and research laboratories. They may also work as instructors and technicians in veterinary schools. Other areas of employment include food animal and equine industries.

Admission Requirements

Note: This program is oversubscribed and receives more than enough qualified applicants to fill the seats available. Applicants accepted into oversubscribed programs confirm their offer and pay their fees early to reserve a place in the program.

Ontario Secondary School Diploma (OSSD)

Grade 12 English (C, M, U)

Grade 12 Math (C, M, U)

Grade 12 Chemistry (C, M, U)

Grade 11 Biology (C, M, U)

Minimum 60% GPA required in all pre-requisite courses

Proficiency in word processing is recommended.

Rabies vaccine series and titre prior to start of program (at student's expense)
Some experience in a veterinary clinic or hospital is considered an asset.

Or equivalent.

Or mature student status (an applicant who does not have a high school diploma or equivalent, and will have reached the age of 19 years on or before the start of the program). Mature students must undergo academic testing prior to admission into a program. Call the Admissions Office at 705-235-7222 for more details.

Proficiency in word processing is recommended.

Rabies vaccine series and titre prior to start of program (at student's expense)
Some experience in a veterinary clinic or hospital is considered an asset.

Note: Academic prerequisites for this program may be obtained free of charge through Academic Upgrading. Refer to the Post-Secondary Preparation section in this calendar for more details.

Length	4 Semesters
Location(s)	(HL) Haileybury
Code(s)	NORT-H058 – HL

Program of Studies

Semester I

GN1062	Ethics
VA1012	Client Relations I
VT1002	Clinical Calculations I
VT1005	Laboratory Procedures and Techniques I
VT1013	Clinical Studies I
VT1019	Animal Anatomy and Physiology I
VT1123	Kennel Duty I
VT2032	Clinical Exercises I
GN1082	College Success

Semester II

VA2012	Client Relations II
VT1003	Animal Nutrition and Digestion
VT2002	Clinical Calculations II
VT2033	Clinical Studies II
VT2008	Animal Anatomy and Physiology II
VT2016	Laboratory Procedures and Techniques II
VT2083	Radiology I
VT2123	Kennel Duty II
VT3073	Clinical Exercises II
VT4093	Veterinary Dentistry I

Semester III

VT2043	Management Technology
VT3001	Veterinary Technician Surgery and Dentistry
VT3004	Clinical Studies III
VT3013	Laboratory Procedures and Techniques III
VT3053	Surgical Exercises I
VT3063	Pharmaceutical Principles I
VT3083	Radiology II
VT3113	Laboratory Animal Studies
VT3123	Kennel Duty III
VT4003	Clinical Exercises III
VT4073	Large Animal Medicine

Semester IV

VT3033	Veterinary Hospital Management
VT4000	Field Work Placement
VT4010	Clinical Studies IV
VT4012	Wildlife and Exotics
VT4021	RVT Prep II
VT4033	Surgical Exercises II
VT4063	Pharmaceutical Principles II
VT4083	Laboratory Procedures and Techniques IV
VT4103	Clinical Exercises IV
VT4113	Radiology III
VT4123	Veterinary Dentistry II
VT4133	Kennel Duty IV

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Veterinary Technology - Wildlife Rehabilitation

Length	6 Semesters
Location(s)	(HL) Haileybury
Code(s)	NORT-H134 – HL

Program of Studies

Semester I

GN1062	Ethics
VA1012	Client Relations I
VT1002	Clinical Calculations I
VT1005	Laboratory Procedures and Techniques I
VT1013	Clinical Studies I
VT1019	Animal Anatomy and Physiology I
VT1123	Kennel Duty I
VT2032	Clinical Exercises I
GN1082	College Success

Semester II

VA2012	Client Relations II
VT1003	Animal Nutrition and Digestion
VT2002	Clinical Calculations II
VT2033	Clinical Studies II
VT2008	Animal Anatomy and Physiology II
VT2016	Laboratory Procedures and Techniques II
VT2083	Radiology I
VT2123	Kennel Duty II
VT3073	Clinical Exercises II
VT4093	Veterinary Dentistry I

Semester III

VT2043	Management Technology
VT3001	Veterinary Technician Surgery and Dentistry
VT3004	Clinical Studies III
VT3013	Laboratory Procedures and Techniques III
VT3053	Surgical Exercises I
VT3063	Pharmaceutical Principles I
VT3083	Radiology II
VT3113	Laboratory Animal Studies
VT3123	Kennel Duty III
VT4003	Clinical Exercises III
VT4073	Large Animal Medicine

Semester IV

VT3033	Veterinary Hospital Management
VT4000	Field Work Placement
VT4010	Clinical Studies IV
VT4012	Wildlife and Exotics
VT4021	RVT Prep II
VT4033	Surgical Exercises II
VT4063	Pharmaceutical Principles II
VT4083	Laboratory Procedures and Techniques IV
VT4103	Clinical Exercises IV
VT4113	Radiology III
VT4123	Veterinary Dentistry II
VT4133	Kennel Duty IV

Semester V

WR1003	Habitat and its Relation to Wildlife
WR1013	Avian Adaptation
WR1014	Wildlife Care I
WR1023	Mammals as Predators
WR5002	Facility Operation
WR5012	Field Techniques
WR6002	Biosphere Orientation I

Semester VI

WR1033	Wildlife Nutrition
WR2002	Legislation and Wildlife
WR2014	Physical Therapy and Flight Management
WR2024	Reptile and Amphibian Husbandry
WR2044	Laboratory Procedures and Techniques
WR5003	Wildlife Rehabilitation Techniques
WR5013	Wildlife Care II
WR6012	Biosphere Orientation II

The Wildlife Rehabilitation program is the first of its kind in Ontario.

The program is open to high school graduates, as well as graduates of a Veterinary Technician program.

This program will give students a solid foundation of scientific understanding, and wildlife rehabilitation technical skills gained through field experience. The first and second years are equivalent to the Veterinary Technician program. However, in the third year, students will receive wildlife training.

Employment Opportunities

Graduates will be able to explore a wide range of career opportunities in both the private and public sectors, including employment in natural resources, zoos, and wildlife parks, avian rehabilitation centers, natural bird sanctuaries, orphanage programs and any small or large animal veterinary clinic that receives injured wild animals.

All graduates are encouraged to write the provincial Registered Veterinary Technicians examination.

The graduates of the Veterinary Technology - Wildlife Rehabilitation program are considered to have met the pre-requisite exam requirements for rehabilitating rabies vector species. This means that if a graduate applies for a Wildlife Custodian Authorization, he or she will be exempted from the requirement to pass the Ontario Rabies Vector Species Exam. Graduates are not exempted from the requirement to apply for and hold a Wildlife Custodian Authorization in order to independently carry out wildlife rehabilitation in Ontario.

Admission Requirements

Note: This program is oversubscribed and receives more than enough qualified applicants to fill the seats available. Applicants accepted into oversubscribed programs confirm their offer and pay their fees early to reserve a place in the program.

Ontario Secondary School Diploma (OSSD)
Grade 12 English (C, M, U)
Grade 12 Math (C, M, U)
Grade 12 Chemistry (C, M, U)
Grade 11 Biology (C, M, U)
Minimum 60% GPA in all required pre-requisite courses
Proficiency in word processing recommended.
Rabies vaccine series and titre prior to start of program (at student's expense).
Some experience in a veterinary clinic or hospital is considered an asset.

Or equivalent

Or mature student status (an applicant who does not have a high school diploma or equivalent, and will have reached the age of 19 years on or before the start of the program).
Mature students must undergo academic testing prior to admission into a program. Call the Admissions Office at 705-235-7222 for more details.

Proficiency in word processing recommended.

Rabies vaccine series and titre prior to start of program (at student's expense).
Some experience in a veterinary clinic or hospital is considered an asset.

Note: Academic prerequisites for this program may be obtained free of charge through Academic Upgrading. Refer to the Post-Secondary Preparation section in this calendar for more details.

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