



# Veterinary Technician (2020-21 Catalog)

Associate in Applied Science

## Developmental Education Courses (if required)

<input type="checkbox"/>	ACLS050	Introduction to Academic Literacy	<input type="checkbox"/>	MATH020	Pre-Algebra
<input type="checkbox"/>	ENGL027	Writing Skills Workshop	<input type="checkbox"/>	MATH022	Elementary Algebra

## Vet Tech Program Prerequisites

<input type="checkbox"/>	BIOS115	Essentials of Biology or HS Biology w/lab and a grade of B or better
<input type="checkbox"/>	MATH022	or HS Algebra I with a C or better
<input type="checkbox"/>	MATH026	or HS Algebra II with a C or better
<input type="checkbox"/>	Minimum GPA of 2.5	

## SEMESTER-BY-SEMESTER PROGRAM MAP FOR FULL-TIME STUDENTS

Courses are listed in preferred order of completion

Plans can be modified to fit student needs by adding more semesters

Choose your courses with your Advisor.

Veterinary Technician is a competitive program. Meeting the minimum requirements does not guarantee acceptance.	
<input type="checkbox"/>	Official Transcripts (high school, GED, college)
<input type="checkbox"/>	Career Assessment Form & 20 hours observations
<input type="checkbox"/>	Admission Change of Major Form
Interview by invitation (College will contact selected students)	

Location: B= BETH, M= MROE, S=SBTH, E= ESTN, D= DIST \*subject to change

	complete	Course #	Course Title	Credits	Gen Ed	Fall	Winter	Spring	Summer	Pre-requisites / Co-requisites
Semester 1	<input type="checkbox"/>	COLS101	College Success	1		B, M, D	----	B, M, D	D	
	<input type="checkbox"/>	CMTH102	Introduction to Communication	3		B, M, D	----	B, M, D	B, M, D	
	<input type="checkbox"/>	CHEM135	Chemistry of Life	4		B, M, D, E	----	B, M, D, E	B, M, D	
	<input type="checkbox"/>	ENGL101	English I	3		B, M, D	----	B, M, D	B, M, D	English Placement Policy
	<input type="checkbox"/>	VETC101	Veterinary Anatomy and Physiology	4		B	----	----	----	
	<input type="checkbox"/>	VETC110	Introduction to Veterinarian Technology	3		B	----	----	----	PRE: Admisson into the Veterinary Technician Program
			Total Semester Credits:	18						
Semester 2	<input type="checkbox"/>	BIOS202	Microbiology for Allied Health	4		B,M,D	----	B,M,D	B,M	PRE: BIOS107, 115, 160, 204, or VETC101
	<input type="checkbox"/>	ENGL151	English II*	3		B, M, D	----	B, M, D	B, M, D	PRE: ENGL101
	<input type="checkbox"/>	VETC115	Animal Management and Nutrition	2		----	----	B	----	PRE: Admisson into the Veterinary Technician Program
	<input type="checkbox"/>	VETC120	Veterinary Parasitology	2		----	----	LCCC	----	PRE: Admisson into the Veterinary Technician Program
	<input type="checkbox"/>	VETC125	Veterinary Clincl Laboratory Techniques	4		----	----	B	----	PRE: Admisson into the Veterinary Technician Program and CHEM135
			Total Semester Credits:	15						
Semester 3 (Summer)	<input type="checkbox"/>	VETC210	Large Animal Clinical Procedures	3		----	----	----	LCCC	Pre: Admission into the Vet Technician Program, proof of vaccination: rabies and tetanus; VETC101, 110, 125
			Total Semester Credits:	3						
Semester 4	<input type="checkbox"/>	MATH120	Nature of Mathmatics	3		B,M,D	----	B,M,D	D	PRE: MATH022 or Math Placement Policy
	<input type="checkbox"/>	VETC215G	Animal Disease	3		LCCC	----	----	----	PRE: Admission into the Veterinary Technician Program and VETC101, 110, and 125, ENGL151
	<input type="checkbox"/>	VETC218	Veterinarian Pharmacology and Anesthesia	3		LCCC	----	----	----	PRE: Admission into the Veterinary Technician Program and VETC101, 110, and 125
	<input type="checkbox"/>	VETC220	Small Animal Clinical Procedures	4		LCCC	----	----	----	PRE: Admission into the Veterinary Technician Program and VETC101, 110, and 125
	<input type="checkbox"/>		AH General Education Elective	3		B,M,D	D	B,M,D	B,M,D	Depends on course selected
			Total Semester Credits:	16						

(semesters continue on page 2)

Semester 5	<input type="checkbox"/>	VETC225	Veterinary Radiology and Surgical Nursing	4		----	----	B/LCCC	----	Pre: Admission into the Veterinary Technician Program, proof of vaccination: rabies and tetanus; VETC101, 110, 125, 218, 220
	<input type="checkbox"/>	VETC228	Laboratory Animal Science and Exotics	4		----	----	LCCC	----	Pre: Admission into the Vet Tech Program, proof of vaccination: rabies and tetanus; VETC101, 110, 115
	<input type="checkbox"/>		SIT General Education Elective ( <i>SOCA102 recommended</i> )	3		B,M,D	D	B,M,D	B,M,D	Depends on course selected
	<input type="checkbox"/>		SSHB General Education Elective ( <i>PSYC103 recommended</i> )	3		B,M,D	D	B,M,D	B,M,D	Depends on course selected
				Total Semester Credits:	14					
Semester 6 (Summer)	<input type="checkbox"/>	VETC230	Veterinary Technician Externship	3		----	----	----	B	PRE: Successful completion of all veterinary technology course with a grade of C or better
				Total Semester Credits:	3					
			Total Degree Credits	69						

General Education Requirements		
<input type="checkbox"/>	ENGL151L	Diversity
<input type="checkbox"/>	VETC215G	Satisfies Writing Intensive

**Notes:**

\*Students may choose ENGL151L (Literature), ENGL151T (Report Writing), or ENGL151T (Technical Writing) to fulfil the requirement.

**Program Notes**

- Admission into the Veterinary Technician program is competitive. Meeting the minimum requirements does not guarantee admission into the Veterinary Technician program. If available spaces in the program are not filled by students who have met the aforementioned standards, the College reserves the right to accept students who have, in the judgment of the College the potential to complete the Veterinary Technician Associate Degree.
- Veterinary Technician is a fall-start program. Students may apply to the clinical program starting October 1. Applications must be completed by March 15. Students will not be able to apply to the clinical program after March 15. After March 15, students who wish to take general education courses toward the Veterinary Technician degree may apply to the General Studies program of study.
- CHEM 135 must be taken during the first semester or can be taken prior to starting the program.
- Grade requirements: All VETC courses require a grade of "C" or better; a "C" in the program is a 75%
- Classes are held on NCC and LCCC campuses.
- Classes are offered during the day and the program takes 2 full years (Fall, Spring and Summer to complete).
- Applicants to the Program with a prior criminal record may be precluded from licensure by the Pennsylvania State Board of Veterinary Medicine after graduation. If unsure, the applicant should consult with the Pennsylvania State Board of Veterinary Medicine prior to matriculation.
- Students are required to be immunized against rabies (prior to the start of animal clinical courses their first summer session) and tetanus and are required to maintain health insurance coverage for the duration of the Program. Incurred costs are the responsibility of the student.

**\*It is the student's responsibility to be knowledgeable of NCC graduation requirements and to verify transfer requirements with the 4-year institution. Courses listed on the program map are based upon the assumption that prerequisites and courses taken in previous semesters will be successfully completed**

Arts & Humanities (AH)
ARTA 100 Art and Visual Thinking
ARTA 101 Art History Survey
CMTH 110 Introduction to the Theatre
CMTH 111 Acting I
CMTH 115 Technical Theatre
CMTH 117 Stagecraft
CMTH 126 The Communication Arts
CMTH 189 Stage Voice and Movement
CMTH 190 Stage Production
CMTH 206 Directing
CMTH 211 Plays: Classical to Contemp. (G-WI)
CMTH 212 Acting II
CMTH 218 Theatre Portfolio
CMTH 220 Introduction to Film
DANC 101 Dance History
DANC 110 Ballet I
DANC 120 Modern Dance I
DANC 130 Jazz I
DANC 210 Ballet II
DANC 220 Modern Dance II
DANC 230 Jazz II
ENGL 201 British Literature I (G-WI)
ENGL 203 Shakespeare (G-WI)
ENGL 205 American Literature I (G-WI)
ENGL 211 Plays: Classical to Contemp. (G-WI)
ENGL 215 Multicultural Adolescent Lit (G-WI)
ENGL 250 Latin American Literature (G-WI)
ENGL 251 British Literature II (G-WI)
ENGL 253 Creative Writing
ENGL 255 American Literature II (G-WI)
ENGL 256 Modern Poetry (G-WI)
ENGL 257 20th Century Lit by Women (G-WI)
ENGL258 Fiction Writing
ENGL 260 Contemporary Literature (G-WI)
ENGL 264 Irish Literature (G-WI)
ENGL 265 African-American Literature (G-WI)
ENGL 267 Poetry Writing
HUMA 121 The American Work Experience (G-WI)
HUMA 140 Intro to Women & Gender Studies (G-WI)
HUMA 150 Nature of the Environment
HUMA210 Creativity and the Origin of Ideas
JOUR 101 Journalism and Society
Modern Language - All MDLA Courses
MUSC 101 Introduction to Music
PHIL 111 On Death and Dying (G-WI)
PHIL 121 World Religions
PHIL 201 Introduction to Philosophy
PHIL 202 Ethics and Moral Problems (G-WI)
PHIL 204 Asian Philosophies
PHIL 211 Ancient Philosophy
PHIL 215 Modern Philosophy
PHIL 225 What is Freedom?

Societies & Institutions Over Time (SIT)
CMTH 221 History of Broadcasting
GEOG 101 World Geography
GEOG 151 Geography of the U.S. and Canada (G-WI)
GLBL 130 Intro to Global Studies
GLBL 160 Field Experience & Acad Research in GS
GLBL 230 Global Studies Capstone
HIST 103 Ancient and Medieval History
HIST 113 American History I (G-WI)
HIST 121 The Black Experience (G-WI)
HIST 123 African Civilization
HIST 140 Modern Chinese History
HIST 153 Found of Mod Euro History, 1300-1815 (G-WI)
HIST 163 American History II
HIST 165 The American Experience of Warfare (G-WI)
HIST 166 Civil War and Reconstruction (G-WI)
HIST 168 History of the Middle East (G-WI)
HIST 173 Mod European History, 1815 to Present (G-WI)
HIST 183 Modern American History 1945-Present
HIST 210 History of Mod Science, 1859 to Present
HIST 211 History of Pennsylvania
INTS 201 Implementing Sustainable Energy System...
INTS 202 The Architecture of the City: Classic to Contemp.
POLS 101 Introduction to Political Science
POLS 105 American Constitutional Law (G-WI)
POLS 110 American National Government (G-WI)
POLS 150 Peace Studies & Conflict Resolution (Study Abroad)
POLS 170 Politics of Modern Turkey (Study Abroad)
POLS 202 International Relations
POLS 205 Women and Politics (G-WI)
POLS 251 State and Local Government (G-WI)
SOCA 102 Cultural Anthropology (G-WI)
SOCA 105 American Ethnicity
SOCA 160 Issues in Contemp.Genocide & Mass Violence

Scientific Study of Human Behavior (SSHB)
ECON 201 Macroeconomics
GEOG 121 Environmental Sustainability (G-WI)
GEOG 140 Investigating Climate Change )
GEOG 271 Intro to Geographic Info Systems
HUMA 250 Research Methods in Social Sciences (G-WI)
INTS 250 Study Abroad
PSYC 103 Introduction to Psychology (G-WI)
PSYC 205 Research Methods
PSYC 230 Introduction to Health Psychology
PSYC 235 Dev Child Psychopathology
PSYC 245 Cognitive Psychology
PSYC 255 Abnormal Psychology
PSYC 258 Developmental Psychology (G-WI)
PSYC 265 Psychology of Sex and Gender
SOCA 103 Principles of Sociology (G-WI)
SOCA 125 Sociology of Families (G-WI)
SOCA 210 Sociology of Gender

Diversity (D) Electives
BIOS 126 Environmental Science
BIOS 210 Environmental Biology
BUSA 115 Intro to International Business
CJST 250 Contemporary Issues in Criminal Justice
CMTH 126 The Communication Arts
CMTH 211 Plays: Classical to Contemporary
CMTH 215 Intercultural Communication
DANC 101 Dance History
ENGL 151L English II (Literature)
ENGL 205 American Literature I
ENGL 211 Plays: Classical to Contemporary
ENGL 215 Multicultural Adolescent Literature
ENGL 250 Latin American Literature
ENGL 251 British Literature II
ENGL 253 Creative Writing
ENGL 255 American Literature II
ENGL 256 Modern Poetry
ENGL 257 20th Century Lit by Women
ENGL 260 Contemporary Literature
ENGL 264 Irish Literature
ENGL 265 African-American Literature
ENGL 267 Poetry Writing
GEOG 101 World Geography
GEOG 121 Environmental Sustainability
GEOG 151 Geography of the U.S. and Canada
GEOG 210 Weather and Climate
GLBL 130 Intro to Global Studies
GLBL 160 Field Experience & Acad Research in GS
GLBL 230 Global Studies Capstone
HIST 113 American History I
HIST 121 The Black Experience
HIST 140 Modern Chinese History
HIST 165 The American Experience of Warfare
HIST 166 Civil War & Reconstruction
HIST 168 History of the Middle East
HIST 173 Mod Euro History: 1815-Present
HIST 183 Modern American History 1945-Present
HUMA 121 American Work Experience
HUMA 140 Intro to Women and Gender Studies
HUMA 150 Nature of the Environment
HUMA210 Creativity and The Origin of Ideas
INTS 201 Implement Sustain Energy Sys in Dev Com
MATH 150 Introductory Statistics
Modern Language - All MDLA Courses
PHIL111 On Death and Dying
PHIL 121 World Religions
PHIL 204 Asian Philosophies
POLS 101 Introduction to Political Science
POLS 105G American Constitutional Law
POLS 150 Peace Studies & Conflict Resolution (Study Abroad)
POLS 202 International Relations
POLS205 Women & Politics
POLS 251 State & Local Government
PSYC 258 Developmental Psychology
SOCA 102 Cultural Anthropology
SOCA103 Principles of Sociology
SOCA 105 American Ethnicity
SOCA 150 Deviance
SOCA160 Issues in Cont Genocide & Mass Violence
SOCA204 Social Problems

**Program Narrative:**

- If you love animals and want a career that keeps you in constant contact with them, being a Veterinary Technician is an affordable and accessible way to achieve your goal. Veterinary technicians are animal care professionals. Vet techs are knowledgeable in the care and handling of various species, basic principles of normal and abnormal life processes, laboratory and clinical procedures and veterinary medical and surgical nursing.
- Certified veterinary technicians find employment in small and large animal veterinary facilities, the pet food industry, specialty practices, diagnostic labs, pharmaceutical research centers, zoo and wildlife organizations, and educational institutions. The job opportunities are numerous and varied. With more Americans than ever sharing their homes with companion animals, the need for formally trained veterinary technicians in veterinarian practices in particular continues to grow.
- Working jointly with Lehigh Carbon Community College, Northampton's Veterinary Technician program will provide you with all the necessary coursework, hands-on training, guidance and experience you need to begin an exciting career working with animals.
- Graduates of the program are prepared to sit for the veterinary technician national board examination. Students that pass the exam may obtain certification. This program has received full accreditation from the American Veterinary Medical Association.

**Program Features:**

- Northampton's program provides academic and practical experience through a combination of veterinary technology and general education core courses. One-third of veterinary technology courses include laboratory experience including exposure to small, large and exotic animal species.
- The culminating experience of the program is a summer externship experience during which students can practice their clinical skills at veterinary hospitals. Instructors in the program are practicing veterinarians and veterinary technicians working in the field.
- are held on the NCC and LCCC campuses. There is a clinical science laboratory on the Northampton campus and a Veterinary Training facility adjacent to the LCCC campus provided exclusively for the veterinary technician students. Classes are offered during the day and the program takes 2 full years (fall, spring and summer to complete).

**After Admission:**

- Medical Forms: physical examination
- Proof of current health insurance
- Rabies pre-exposure vaccine.

**Program Learning Outcomes:** Graduates of the program will:

- Demonstrate competence in performing and engaging in office and hospital procedures, client relations and communication.
- Demonstrate proficiency working in the pharmacy and understand and utilize pharmacologic concepts.
- Safely and competently engage in medical nursing.
- Safely and competently engage in surgical nursing.
- Safely and competently engage in anesthetic nursing.
- Competently perform laboratory procedures.
- Safely and competently perform diagnostic imaging.
- Competently perform laboratory animal and exotic patient husbandry and nursing.