



Developmental Education Courses (if required)

English Placement			Math Placement		
<input type="checkbox"/>	ACLS025	Academic Reading and Writing Skills I	<input type="checkbox"/>	MATH 020	Pre-Algebra
<input type="checkbox"/>	ACLS026	Academic Reading and Writing Skills II	<input type="checkbox"/>	MATH 022	Elementary Algebra
<input type="checkbox"/>	ACLS050	Introduction to Academic Literacy	<input type="checkbox"/>	MATH 026	Intermediate Algebra
<input type="checkbox"/>	ENGL027	Writing Skills Workshop			

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

Courses are listed in preferred order of completion

Plans can be modified to fit the needs of part-time students by adding more semesters

Choose your courses with your Success Navigator or Faculty Advisor.

Complete	Semester 1					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered (Fall, Winter, Spring, Summer) (Bethlehem, Monroe, Fowler, Online)	Pre-requisites / Co-requisites (PRE / CO)
<input type="checkbox"/>	COLS101	College Success	1		FA, SP, SU; BETH, MROE, DIST	
<input type="checkbox"/>	CMTH102	Introduction to Communication	3	Communication	FA, SP, SU; BETH, MROE, DIST	
<input type="checkbox"/>	CHEM135	Chemistry of Life	4	Science	FA; BETH	
<input type="checkbox"/>	ENGL101	English I	3	Communication	FA, SP, SU; BETH, MROE, DIST	PRE: English Placement Policy
<input type="checkbox"/>	VETC101	Veterinary Anatomy and Physiology	4		FA; BETH	
<input type="checkbox"/>	VETC110	Introduction to Veterinary Technology	3		FA; BETH	
	Total Semester Credits:		18			
Complete	Semester 2					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Pre-requisites/Co-requisites
<input type="checkbox"/>	BIOS202	Microbiology for Allied Health	4	Science	SP; BETH	PRE: BIOS107, 115, 160, 204 or VETC101
<input type="checkbox"/>	ENGL151	English II*	3	Communication	FA, SP, SU; BETH, MROE, DIST	PRE: ENGL101
<input type="checkbox"/>	VETC 115	Animal Management and Nutrition	2		SP; BETH	PRE: Admission into Veterinary Technician Program
<input type="checkbox"/>	VETC 120	Veterinary Parasitology	2		SP; LCCC	PRE: Admission into Veterinary Technician Program
<input type="checkbox"/>	VETC 125	Veterinary Clinical Laboratory Techniques	4		SP; BETH	PRE: Admission into Veterinary Technician Program and CHEM 135
	Total Semester Credits		15			
Complete	Summer Session (Semester 3)					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Pre-requisites/Co-requisites
<input type="checkbox"/>	VETC210	Large Animal Clinical Procedures	3		SU; LCCC	PRE: Admission into Veterinary Technician Program, proof of vaccination: rabies and tetanus; VETC101, 110, and 125
	Total Semester Credits		3			
Complete	Semester 4					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Pre-requisites/Co-requisites
<input type="checkbox"/>	MATH120	Nature of Math	3	QL	FA, SP, SU; BETH, MROE, DIST	PRE: MATH022 or Math Placement
<input type="checkbox"/>	VETC 215G	Animal Disease	3		FA; LCCC	PRE: Admission into Veterinary Technician Program and VETC 101, 110, and 125, ENGL 151
<input type="checkbox"/>	VETC 218	Veterinary Pharmacology and Anesthesia	3		FA; LCCC	PRE: Admission into Veterinary Technician Program and VETC101, 110, and 125
<input type="checkbox"/>	VETC 220	Small Animal Clinical Procedures	4		FA; LCCC	PRE: Admission into Veterinary Technician Program, proof of vaccination: rabies and tetanus; VETC101, 110, and 125
<input type="checkbox"/>		AH General Education Elective	3	AH	FA, SP, SU; BETH, MROE, DIST	

	Total Semester Credits:		16			
Complete	Semester 5					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Pre-requisites/Co-requisites
<input type="checkbox"/>	VETC 225	Veterinary Radiology and Surgical Nursing	4	QL	SP; BETH, LCCC	PRE: Admission into Veterinary Technician Program, proof of vaccination: rabies and tetanus; VETC101, 110, 125, 218, and 220
<input type="checkbox"/>	VETC 228	Laboratory Animal Science and Exotics	4		SP; LCCC	PRE: Admission into Veterinary Technician Program, proof of vaccination: rabies and tetanus; VETC101, 110, and 115
<input type="checkbox"/>		SIT General Education Elective	3	SIT	FA, SP, SU; BETH, MROE, DIST	
<input type="checkbox"/>		SSHB General Education Elective	3	SSHB	FA, SP, SU; BETH, MROE, DIST	
	Total Semester Credits:		14			
Complete	Summer Session (Semester 6)					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Pre-requisites/Co-requisites
<input type="checkbox"/>	VETC230	Veterinary Technician Externship	3		SU; off campus Externship sites	PRE: Successful completion of all veterinary technology courses with a grade of C or better
	Total Semester Credits		3			
	Total Degree Credits:		69			

Notes:

- * Students have the choice of ENGL 151L (Literature option), ENGL151R (Report Writing), ENGL151T (Technical Writing). Consult with your advisor.
- + It is recommended that students take SOCA 102 as the Social Science: Societies and Institutions over Time (SIT) Elective; this also satisfies the Diversity (D) requirement.
- ++ It is recommended that students take PSYC 103 as the Social Science: Scientific Study of Human Behavior (SSHB) Elective.
- One course should be designated as Diversity and Global Awareness (D).
- Completion of VETC 215G satisfies the Writing Intensive (WI) requirement.
- 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. There is a clinical science laboratory on the Northampton campus and a Veterinary Teaching 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).
- 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.
- The General Education Core Curriculum is an essential component of all degree programs. Courses in the Core fall into two broad categories: Knowledge of Arts, Cultures and the Natural World, and Intellectual and Practical Skills. Students are exposed to a broad range of academic disciplines and fields of study in order to provide a strong foundation of content knowledge and intellectual skills.
- 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.

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).

Admission Criteria and Program Requirements

Before Admission:

- High school diploma or GED
- A minimum GPA of 2.5
- High School Biology (with a lab), or college equivalent, with a grade of B or better.
- Completion of high school Algebra I and II ,or college equivalent, with grade C or better
- Submission of official high school transcript or copy of GED and official transcripts from all post-secondary institutions attended.
- Placement into college level English and Math; Any remediation must be completed before starting the program
- Application deadline February 1st for fall semester. Application is made by enrolling as "Veterinary Technician Intent" through the admissions office. If not currently enrolled as "Veterinary Technician Intent", a Change of Major Form must be completed.
- At the time of the application, the student must have completed 20 hours observation in a Veterinary facility within the past year and completed the Career Exploration Form available on NCC homepage (a new form must be submitted every year).
- Interview by invitation. Only the most qualified applicants are interviewed; the college will contact students to schedule interviews when appropriate.
- Please Note: 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.

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.

Transfer Information:

- General Education courses transfer to 4-year institutions, however, Veterinary Technician core courses (VETC) do not transfer to other institutions.
- Students intending to transfer and complete a bachelor's degree need to make early decisions concerning an academic major and a transfer destination. Students planning to transfer credits earned at Northampton Community College are strongly urged to meet with an academic counselor/ advisor in the transfer office as early as possible in their college career. The final decision regarding admission and the acceptability of transfer credit hours rests with the receiving institution.

Career Information:

- Graduates of the program are prepared to sit for the Veterinary Technician National Board Examination.
- The Associate in Applied Science Degree in Veterinary Technology will provide many career opportunities. Those career opportunities may include, but are not limited to the following:
 - Small Animal Hospitals
 - Large Animal Hospitals
 - Zoological institutions
 - Wildlife Rehabilitation Centers
 - Lab Animal Technicians
 - Colleges of veterinary medicine
 - Teaching opportunities in Veterinary Technology programs
 - Diagnostic laboratories
 - Pharmaceutical companies
 - Pet food manufacturers
 - Veterinary supply sales
 - Humane societies/ Animal Shelter
 - Animal control facilities
 - Food safety inspection
- Link to Career Coach: <https://northampton.emsicareercoach.com>

Arts & Humanities (AH) Electives	Societies & Institutions over Time (SIT) Electives	Diversity (D) Electives
ARTA 100 Art and Visual Thinking	CMTH 221 History of Broadcasting	BIOS 126 Environmental Science
ARTA 101 Art History Survey	GEOG 101 World Geography	BIOS 210 Environmental Biology
CMTH 110 Introduction to the Theatre	GEOG 151 Geography of the U.S. and Canada (G-WI)	BUSA 115 Intro to International Business
CMTH 111 Acting I	GLBL 130 Intro to Global Studies	CJST 250 Contemporary Issues in Criminal Justice
CMTH 115 Technical Theatre	GLBL 160 Field Experience & Acad Research in GS	CMTH 126 The Communication Arts
CMTH 117 Stagecraft	GLBL 230 Global Studies Capstone	CMTH 211 Plays: Classical to Contemporary
CMTH 126 The Communication Arts	HIST 103 Ancient and Medieval History	CMTH 215 Intercultural Communication
CMTH 189 Stage Voice and Movement	HIST 113 American History I (G-WI)	DANC 101 Dance History
CMTH 190 Stage Production	HIST 121 The Black Experience (G-WI)	ENGL 151L English II (Literature)
CMTH 206 Directing	HIST 123 African Civilization	ENGL 205 American Literature I
CMTH 211 Plays: Classical to Contemporary (G-WI)	HIST 140 Modern Chinese History	ENGL 211 Plays: Classical to Contemporary
CMTH 212 Acting II	HIST 153 Found of Mod Euro History, 1300-1815 (G-WI)	ENGL 215 Multicultural Adolescent Literature
CMTH 218 Theatre Portfolio	HIST 163 American History II	ENGL 250 Latin American Literature
CMTH 220 Introduction to Film	HIST 165 The American Experience of Warfare	ENGL 251 British Literature II
DANC 101 Dance History	HIST 166 Civil War and Reconstruction (G-WI)	ENGL 253 Creative Writing
DANC 110 Ballet I	HIST 168 History of the Middle East (G-WI)	ENGL 255 American Literature II
DANC 120 Modern Dance I	HIST 173 Mod European History, 1815 to Present (G-WI)	ENGL 256 Modern Poetry
DANC 130 Jazz I	HIST 210 History of Mod Science, 1859 to Present	ENGL 257 20th Century Lit by Women
DANC 210 Ballet II	HIST 211 History of Pennsylvania	ENGL 260 Contemporary Literature
DANC 220 Modern Dance II	INTS 202 The Architecture of the City: Classic to Contemporary	ENGL 264 Irish Literature
DANC 230 Jazz II	POLS 101 Introduction to Political Science	ENGL 265 African-American Literature
ENGL 201 British Literature I (G-WI)	POLS 105 American Constitutional Law (G-WI)	ENGL 267 Poetry Writing
ENGL 203 Shakespeare (G-WI)	POLS 110 American National Government (G-WI)	GEOG 101 World Geography
ENGL 205 American Literature I (G-WI)	POLS 150 Peace Studies & Conflict Resolution (Study Abroad)	GEOG 121 Environmental Sustainability
ENGL 211 Plays: Classical to Contemporary (G-WI)	POLS 170 Politics of Modern Turkey (Study Abroad)	GEOG 151 Geography of the U.S. and Canada
ENGL 215 Multicultural Adolescent Literature (G-WI)	POLS 202 International Relations	GEOG 210 Weather and Climate
ENGL 250 Latin American Literature (G-WI)	POLS 205 Women and Politics (G-WI)	GLBL 130 Intro to Global Studies
ENGL 251 British Literature II (G-WI)	POLS 251 State and Local Government (G-WI)	GLBL 160 Field Experience & Acad Research in GS
ENGL 253 Creative Writing	SOCA 102 Cultural Anthropology (G-WI)	GLBL 230 Global Studies Capstone
ENGL 255 American Literature II (G-WI)	SOCA 105 American Ethnicity	HIST 113 American History I
ENGL 256 Modern Poetry (G-WI)	SOCA 160 Issues in Contemporary Genocide & Mass Violence	HIST 121 The Black Experience
ENGL 257 20th Century Lit by Women (G-WI)		HIST 140 Modern Chinese History
ENGL258 Fiction Writing		HIST 165 The American Experience of Warfare
ENGL 260 Contemporary Literature (G-WI)		HIST 166 Civil War & Reconstruction
ENGL 264 Irish Literature (G-WI)	Scientific Study of Human Behavior (SSHB) Electives	HIST 168 History of the Middle East
ENGL 265 African-American Literature (G-WI)	ECON 201 Macroeconomics	HIST 173 Mod Euro History: 1815-Present
ENGL 267 Poetry Writing	GEOG 121 Environmental Sustainability (G-WI)	HUMA 121 American Work Experience
HUMA 121 The American Work Experience (G-WI)	GEOG 140 Investigating Climate Change	HUMA 140 Intro to Women and Gender Studies
HUMA 140 Intro to Women and Gender Studies (G-WI)	GEOG 271 Intro to Geographic Info Systems	HUMA 150 Nature of the Environment
HUMA210 Creativity and the Origin of Ideas	HUMA 250 Research Methods in Social Sciences (G-WI)	HUMA210 Creativity and The Origin of Ideas
JOUR 101 Journalism and Society	INTS 250 Study Abroad	INTS 201 Implement Sustain Energy Sys in Dev Com
Modern Language - All MDLA Courses	PSYC 103 Introduction to Psychology (G-WI) (recommended)	Modern Language - All MDLA Courses
MUSC 101 Introduction to Music	PSYC 230 Introduction to Health Psychology	PHIL111 On Death and Dying
PHIL 111 On Death and Dying (G-WI)	PSYC 235 Dev Child Psychopathology	PHIL 121 World Religions
PHIL 121 World Religions	PSYC 245 Cognitive Psychology	PHIL 204 Asian Philosophies
PHIL 201 Introduction to Philosophy	PSYC 255 Abnormal Psychology	POLS 101 Introduction to Political Science
PHIL 202 Ethics and Moral Problems (G-WI)	PSYC 258 Developmental Psychology (G-WI)	POLS 105G American Constitutional Law
PHIL 204 Asian Philosophies	PSYC 265 Psychology of Sex and Gender	POLS 150 Peace Studies & Conflict Resolution (Study Abroad)
PHIL 211 Ancient Philosophy	SOCA 103 Principles of Sociology (G-WI)	POLS 202 International Relations
PHIL 215 Modern Philosophy	SOCA 125 Sociology of Families (G-WI)	POLS205 Women & Politics
PHIL 225 What is Freedom?	SOCA 210 Sociology of Gender	POLS 251 State & Local Government
		PSYC 258 Developmental Psychology
		SOCA 102 Cultural Anthropology (recommended)
		SOCA103 Principles of Sociology
		SOCA 105 American Ethnicity
		SOCA 150 Deviance
		SOCA160 Issues in Cont Genocide & Mass Violence
		SOCA204 Social Problems

Note: General Education courses offered as writing intensive are noted with a G-WI