



Medical Lab Technician - Associate in Applied Science (2018-2019 Catalog)

Student Name: _____

Advisor Name: _____

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.

Program Entry Requirements:

The student must meet the following ELIGIBILITY CRITERIA to be considered for selective admission into the clinical portion of the Medical Laboratory Technician Program:

- The student must meet with the Reading Area Community College MLT Program Director to determine eligibility and to sign the Selective Admission Process agreement and the Essential Functions document.
- All coursework must be completed with a "C" grade or better.
- The student must achieve a combined math/science G.P.A. of 2.5.
- No course in the Medical Laboratory Technician Program curriculum, or which is a prerequisite for a course in the curriculum, can be repeated more than once. This requirement includes any courses taken at RACC or at another institution. It also includes courses from which the student may have withdrawn or in which the student earned less than a "C" grade.
- No more than 12 credits of the Medical Laboratory Technician Program curriculum may be repeated. This includes courses taken at RACC and at other institutions. It also includes withdrawals or courses in which the student earned less than a "C" grade.
- Course repeats or withdrawals that are older than ten years may be excluded from consideration in the admissions process at the discretion of the program director.
- To apply for the clinical portion of the program, the student must submit the following by June 1st:
 - Personal letter of Intent requesting entry into the next clinical class.
 - Two (2) letters of recommendation; at least one must be from a RACC or NCC faculty member.
 - Meet all Reading Area Community College requirements and deadlines pertaining to application for admission, payments, etc.

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"/>	BIOS204	Human Anatomy and Physiology I	4	Science	FA, SP, SU; BETH, MROE, DIST	PRE: One year of HS Biology or BIOS107 or 115
<input type="checkbox"/>	ENGL101	English I	3	Communication	FA, SP, SU; BETH, MROE, DIST	PRE: English Placement Policy
<input type="checkbox"/>	PSYC103 OR SOCA103	Introduction to Psychology Principles of Sociology	3	SSHB	FA, SP, SU; BETH, MROE, DIST	PRE: Reading/Writing competency for ENGL101
<input type="checkbox"/>	MATH150	Introductory Statistics	3	QL	FA, SP, SU; BETH, MROE, DIST	PRE: Reading/Writing competency for ENGL101
<input type="checkbox"/>	CHEM120	General Chemistry I	4	Science	FA, SP, SU; BETH, MROE, DIST	PRE: MATH022 or Math Placement
					FA, SP; BETH, MROE SU1; MROE	PRE: MATH022 or Placement Policy, 1yr of high school Chemistry or CHEM011, English I eligibility
	Total Semester Credits:		18			

Semester 2						
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Pre-requisites/Co-requisites
<input type="checkbox"/>	BIOS254	Human Anatomy and Physiology II	4	Science	F, SP, SU; BETH, MROE, DIST	PRE: BIOS204 with a C or better
<input type="checkbox"/>	CMTH102 OR ENGL151T	Introduction to Communication OR English II (Technical Writing)	3	Communication	FA, SP, SU; BETH, MROE, DIST FA, SP, SU; BETH, MROE, DIST	PRE: (ENGL 151 only) ENGL 101
<input type="checkbox"/>	PHIL201 OR PHIL202	Introduction to Philosophy OR Ethics & Moral Problems	3	AH	FA, SP, SU; BETH, MROE, DIST FA, SP, SU; BETH, MROE, DIST	PRE: Reading/Writing competency for ENGL 101
<input type="checkbox"/>	BIOS202 OR BIOS240	Microbiology for Allied Health Microbiology	4	Science	FA, SP; BETH, MROE	Pre: BIOS 107, 115, 160, or 204 Pre: BIOS 150 and CHEM 120
<input type="checkbox"/>	CISC104	Microcomputer Applications	4		FA, SP; BETH, MROE	PRE: CISC 100 or 101
Total Semester Credits			17			

Complete	Semester 3 SPRING AT RACC					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Pre-requisites/Co-requisites
<input type="checkbox"/>	MLT 120	Basic Immunology	2		RACC	
<input type="checkbox"/>	CHE 250	Organic Chemistry I (may be taken at NCC if meet requirements)	4		RACC or NCC	
<input type="checkbox"/>	CHE 251	Chemistry of Biomolecules	1		RACC	
<input type="checkbox"/>	HEA 220	Clinical Implications of Laboratory Tests	1		RACC	
Total Semester Credits			7			

Complete	Semester 4 FALL AT RACC					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Pre-requisites/Co-requisites
<input type="checkbox"/>	MLT 110	Intro to the Clinical Lab (may be waived)	1		RACC	
<input type="checkbox"/>	CHE 260	Theory of Chemical Instrumentation	2		RACC	
<input type="checkbox"/>	MLT 211	Clinical Laboratory Techniques	4		RACC	
Total Semester Credits:			7			

Complete	Semester 5 WINTER INTERIM AT RACC					
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Pre-requisites/Co-requisites
<input type="checkbox"/>	MLT 222	Clinical Urinalysis	1		RACC	
<input type="checkbox"/>	MLT 233	Clinical Serology	1		RACC	

Semester 6 SPRING AT RACC						
	Course #	Course Title	Credits	Gen Ed	Term/Location Offered	Pre-requisites/Co-requisites
<input type="checkbox"/>	MLT 220	Clinical Hematology/COAG	5		RACC	
<input type="checkbox"/>	MLT 221	Clinical Chemistry	4		RACC	
<input type="checkbox"/>	MLT 230	Clinical Blood Banking & Immunology	4		RACC	
<input type="checkbox"/>	MLT 231	Clinical Microbiology	4		RACC	
Total Semester Credits			17			
Total Degree Credits:			70			

Notes:

The Medical Laboratory Technician Program at Reading Area Community College is accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS) and abides by the standards and guidelines set forth by the agency.

Tuition & Fees: Students who are residents of sponsoring districts in Northampton, Monroe, Wayne, and Pike Counties shall be charged the same tuition and fees as residents of Berks County for courses specific to the Medical Laboratory Technician program that are not offered at NCC.

Course Equivalency Chart

Northampton Community College Course Transfer Equivalencies			Reading Area Community College General Education Courses for Medical Laboratory Technician Program		
ENGL101	English I	3 cr	COM121	English Composition I	3 cr
CMTH102	Introduction to Communication	3 cr	COM 221	Fund of Speech	3 cr
OR			OR		
ENGL151T	English II		COM 141	Technical Writing	
MATH150	Introductory Statistics	3 cr	MAT	Statistics	3 cr
SOCA103	Principles of Sociology	3 cr	SOC	Sociology	3 cr
OR			OR		
PSYC103	Introduction to Psychology		PSY	General Psychology	
PHIL201	Introduction to Philosophy	3 cr	PHL	Intro to Philosophy	3 cr
OR			OR		
PHIL 202	Ethics & Moral Problems		PHL 275	Intro to Ethics	
CHEM120	General Chemistry I	4 cr	CHE 150	Chemistry I	4 cr
BIOS204	Human Anatomy & Physiology I	4 cr	BIO 250	Anatomy & Physiology I	4 cr
BIOS254	Human Anatomy & Physiology II	4 cr	BIO 255	Anatomy & Physiology II	4 cr
BIOS240	Microbiology	4 cr	BIO 280	Microbiology	4 cr
CISC104	Microcomputer Applications	3 cr	IFT 110	Micro Comp App	3 cr

Please visit the RACC website for more information: <https://www.racc.edu/academics/medical-laboratory-technician>