

**DELAWARE TECHNICAL AND COMMUNITY COLLEGE
And
UNIVERSITY OF DELAWARE**

PROGRAM ARTICULATION AGREEMENT

**Associate Degree
Medical Laboratory Technology**

**Baccalaureate Degree
Medical Laboratory Science**

2016 through 2021

Associate-Baccalaureate Program Articulation Agreement

between

**Delaware Technical and Community College
and
University of Delaware**

for

Medical Laboratory Technology/Medical Laboratory Science

AGREEMENT

WHEREAS Delaware Technical and Community College and University of Delaware are committed to expanding educational opportunities for the citizens of the State of Delaware, and

WHEREAS the two institutions are committed to providing a smooth transition for students wishing to earn an associate degree and a baccalaureate degree, and

WHEREAS the intent of the two institutions is to avoid duplication of curricula where appropriate within articulated programs of studies, and

WHEREAS the two institutions better serve the educational growth of students and the economic development of the community through cooperative educational planning and optimal utilization of community resources,

BE IT HEREWITH RESOLVED that this agreement commits the partners to full support of an articulation process between similar academic programs offered by the two institutions.

PROVISIONS OF THE AGREEMENT

1. The institutions agree to follow the connected degree curriculums delineated in this document for the transfer of Delaware Tech's Associate Degree Program in Medical Laboratory Technology and University of Delaware's Bachelor of Science Degree Program in Medical Laboratory Science.
2. Both educational institutions will cooperate toward developing, disseminating, and presenting the articulated program information to students.
3. Graduates of the Delaware Tech program who have completed the associate degree with a cumulative grade point average of 2.5 or higher will automatically be accepted into the baccalaureate program at University of Delaware.
4. Students must complete the courses in the specified associate degree program herein with a grade of C or better to receive the credits for transfer.
5. Students intending to transfer should complete the admissions application for University of Delaware following the third semester of their associate degree program.
6. Students are subject to all the policies and procedures of both institutions.
7. Students are subject to all specific policies pertaining to students admitted to the Medical Laboratory Science Bachelor's Degree Program.
8. This articulation agreement is based on the present curricula contained in this document and it is effective for a period of five years from the date of signing by both parties.
9. Both institutions at any time may initiate changes to this articulation agreement. Both institutions reserve the right to modify the programs as deemed necessary and agree to inform the appropriate individuals of said changes. The senior institution will make a good faith effort to honor the articulation agreement in effect at the time a student is admitted to the Medical Laboratory Technology Associate Degree Program.

CONNECTED DEGREE ANALYSIS

Matching Worksheet/Suggested Course Sequence/Bachelor's Completion

ASSOCIATE DEGREE PROGRAM		BACHELOR'S DEGREE COURSE MATCH OR POTENTIAL COURSE MATCH		BACHELOR'S DEGREE COMPLETION	
A.A.S. MEDICAL LABORATORY TECHNOLOGY				B.S. MEDICAL LABORATORY SCIENCE	
DELAWARE TECHNICAL & COMMUNITY COLLEGE				UNIVERSITY OF DELAWARE	
Course No./Name First Semester (Fall)	CR	Course No./Name	CR	Course No./Name Sixth Semester (Winter)	CR
SSC 100 First Year Seminar	1	UNIV 166T Transfer Elective	1	BISC 207 Introduction to Biology I	4
BIO 120 Anatomy and Physiology I	5	BIO 120+BIO 121= BISC 276 Human Physiology 4cr. NURS 101 Human Anatomy 3cr. BISC 166T Transfer Credit 3cr. (Must have both courses to receive credit)	0		
CHM 150 Chem Principles I or	5	CHEM 103 General Chemistry and CHEM 166T Transfer Elective OR	4 1		
CHM 110 General Chemistry	4	CHEM 105 General Chemistry	4		
MAT 153 College Math and Statistics	4	MATH 114 College Math and Statistics and MATH 166T Transfer Elective	3 1		
MLT 120 Hematology I	4	MLT 120+MLT121+MLT 251+MLT 291= MEDT 100 Intro to Medical Lab. Science 1cr. MEDT 370 Phlebotomy Practicum 1cr. MEDT 404 Hematology I 2cr. MEDT 414 Hematology I Laboratory 1cr. MEDT 406 Medical Microbiology 3cr. MEDT 416 Medical Microbiology Lab 2cr. MEDT 466T Transfer Elective 9cr. (Must have all courses to receive credits)	0		
	18/19		9/10		4

ENG 102 Composition and Research	3	ENG 101+ ENG 102= ENGL 110 Seminar in Composition ENGL 166T Transfer Elective (Must have both courses to receive credits)	3 3	MEDT 390 Intro. To Genetics and Molecular Diag.	3
MLT 260 Immunology	4	MEDT 360 Clinical Immunology and Medical Virology and MEDT 362 Clinical Immunology and Medical Virology Lab	3 1	XXXX XXX Breadth Elective (see Note 1 below)	3
PSY 121 General Psychology	3	PSYC 100 General Psychology	3	HIST 103 World History I (Satisfies History and Cultural Change Breadth and Multicultural Requirement)	3
	18		17		15
Fourth Semester (Spring)					
MLT 221 Clinical Chemistry II	4	MLT 220+MLT 221 = MEDT 398 Body Fluid Analysis 1cr. MEDT 399 Body Fluid Analysis Lab 1cr. MEDT 401 Clinical Physiological Chem. I 3cr. MEDT 411 Clin. Physiological Chem.I Lab 2cr. MEDT 472 Clinical Urinalysis Practicum 1cr. (Must have both courses to receive credits)	1 1 3 2 1	BISC 300 Microbiology	4
MLT 251 Clinical Microbiology II	4	MLT 120+MLT121+MLT251+MLT291= MEDT 100 Intro to Medical Lab. Science 1cr. MEDT 370 Phlebotomy Practicum 1cr. MEDT 404 Hematology I 2cr. MEDT 414 Hematology I Laboratory 1cr. MEDT 406 Medical Microbiology 3cr. MEDT 416 Medical Microbiology Lab 2cr. MEDT 466T Transfer Elective 9cr. (Must have all courses to receive credits)	0	MEDT 391 Intro. to Molecular Diagnostics Lab.	1
Ninth Semester (Spring)					

MLT 261 Blood Banking	4	MEDT 409 Immunohematology I and MEDT 419 Immunohematology I Laboratory and MEDT 466T Transfer Elective	1 1 2	XXXX XXX Breadth Elective (see NOTE 1 below)	3
SOC 213 Ethical Issues in Health Care	3	PHIL 241 Ethical Issues in Healthcare	3	ENGL 280 Approaches to Literature for Non- Majors (satisfies Creative Arts and Humanities and second writing requirement)	3
	15		15		11
Fifth Semester (Fall)					
MLT 291 Clinical Practicum	7	MLT 120+MLT121+MLT251+MLT291= MEDT 100 Intro to Medical Lab. Science 1cr. MEDT 370 Phlebotomy Practicum 1cr. MEDT 404 Hematology I 2cr. MEDT 414 Hematology I Laboratory 1cr. MEDT 406 Medical Microbiology 3cr. MEDT 416 Medical Microbiology Lab 2cr. MEDT 466T Transfer Elective 9cr. (Must have all courses to receive credits)	1 1 2 1 3 2 9	MEDT 403 Clinical Physiological Chem. II	3
	7		19	MEDT 405 Hematology II	2
				MEDT 413 Clin. Physiological Chem. II Laboratory	2
				MEDT 415 Hematology II Laboratory	2
				MEDT 420 Immunohematology II	2
				MEDT 421 Immunohematology II Laboratory	1
				MEDT 430 Diag. Bacteriology & Medical Micro.	2
				MEDT 431 Diag. Bact. & Medical Micro. Lab	2
				MEDT 461 Laboratory Practice and Leadership I	1

					MEDT 418 Senior Seminar	0
						17
					Eleventh Semester (Spring)	
					MEDT 471 Laboratory Practice and Leadership II	1
					MEDT 480 Senior Capstone	1
					MEDT XXX (see NOTE 2 below)	3
					MEDT XXX (see NOTE 2 below)	3
						8
TOTAL	74/76			74/76		67

NOTE 1: The University of Delaware requires that every student complete 3 credits in each of the following categories of breadth electives (see: <http://academiccatalog.udel.edu/>): Creative Arts and Humanities; History and Cultural Change; Social and Behavioral Sciences; and Mathematics, Natural Sciences and Technology. The Department of Medical Laboratory Sciences requires an additional 3 credits in each of the following categories of breadths: Creative Arts and Humanities; History and Cultural Change; and Social and Behavioral Sciences.

NOTE 2: No more than 6 credits in MEDT practicum courses chosen among MEDT 473, MEDT 475, MEDT 477, and MEDT 479 will be required for baccalaureate completion. Credits remaining for completion will be determined based upon individualized assessment of student's clinical experience.



CONNECTED DEGREE CURRICULUM

Suggested Course Sequence

ASSOCIATE DEGREE A.A.S. MEDICAL LABORATORY TECHNOLOGY DELAWARE TECHNICAL AND COMMUNITY COLLEGE				BACHELOR'S DEGREE B.S. MEDICAL LABORATORY SCIENCE UNIVERSITY OF DELAWARE			
Semester 1 (Fall)			CR	Semester 6 (Winter)			CR
SSC	100	First Year Seminar	1	BISC	207	Introduction to Biology I	4
BIO	120	Anatomy and Physiology I	5				
CHM	150	Chem Principles I or	5				
CHM	110	General Chemistry	4				
MAT	153	College Math and Statistics	4				
MLT	120	Hematology I	4				
			17/18				4
Semester 2 (Spring)				Semester 7 (Spring)			
BIO	121	Anatomy and Physiology II	5	BISC	208	Introduction to Biology II	4
CHM	151	Chem Principles II or	5	CHEM	213	Elementary Organic Chemistry	3
CHM	111	Intro to Organic and Biochemistry	4	CHEM	215	Elementary Organic Chemistry Laboratory	1
ENG	101	Critical Thinking and Academic Writing	3	MEDT	200	The Language of Medicine	3
MLT	121	Hematology II	4	MEDT	250	Communication, Educ. & Ethics in Healthcare	1
			16/17				12
Semester 3 (Fall)				Semester 8 (Fall)			
MLT	250	Clinical Microbiology I	4	CHEM	214	Elementary Biochemistry	3
				CHEM	216	Elementary Biochemistry Laboratory	1
MLT	220	Clinical Chemistry I	4	MEDT	375	Research and Statistics for the Medical Laboratory Scientist	2
ENG	102	Composition and Research	3	MEDT	390	Intro to Genetics and Molecular Diagnostics	3
MLT	260	Immunology	4	XXXX	XXX	Breadth Elective (see Note 1 below)	3
PSY	121	General Psychology	3	HIST	103	World History I (Satisfies History and Cultural Change Breadth and Multicultural Requirement)	3
			18				15
Semester 4 (Spring)				Semester 9 (Spring)			
MLT	221	Clinical Chemistry II	4	BISC	300	Microbiology	4
MLT	251	Clinical Microbiology II	4	MEDT	391	Intro. to Molecular Diagnostics Laboratory	1
MLT	261	Blood Banking	4	XXXX	XXX	Breadth Elective (see NOTE 1 below)	3
SOC	213	Ethical Issues in Health Care	3	ENGL	280	Approaches to Literature for Non Majors (Satisfies Creative Arts and Humanities and Second Writing Requirement)	3
			15				11
Semester 5 (Fall)				Semester 10 (Fall)			
MLT	291	Clinical Practicum	7	MEDT	403	Clinical Physiological Chemistry II	3
			7	MEDT	405	Hematology II	2
				MEDT	413	Clinical Physiological Chemistry II Laboratory	2
				MEDT	415	Hematology II Laboratory	2
				MEDT	420	Immunohematology II	2
				MEDT	421	Immunohematology II Laboratory	1
				MEDT	430	Diagnostic Bacteriology & Medical Micro.	2
				MEDT	431	Diag. Bacteriology & Medical Micro. Lab.	2
				MEDT	461	Laboratory Practice and Leadership I	1
				MEDT	418	Senior Seminar	0
							17
				Semester 11 (Spring)			
				MEDT	471	Laboratory Practice and Leadership II	1
				MEDT	480	Senior Capstone	1
				MEDT	XXX	(see NOTE 2 below)	3
				MEDT	XXX	(see NOTE 2 below)	3
							8
Total Credits			74/76				67

- The Bachelor of Science program in Medical Laboratory Science requires a minimum of 124 credits. Course sequencing may vary by semester. See your advisor.

08/2016

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NOTE 2: No more than 6 credits in MEDT practicum courses chosen among MEDT 473, MEDT 475, MEDT 477, and MEDT 479 will be required for baccalaureate completion. Credits remaining for completion will be determined based upon individualized assessment of student's clinical experience.

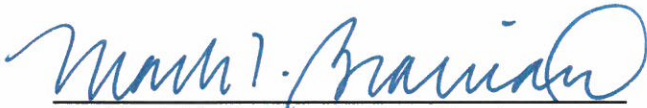
APPROVAL

This program articulation agreement is between Delaware Technical and Community College's Associate of Applied Science Degree in Medical Laboratory Technician and University of Delaware's Bachelor of Science Degree in Medical Laboratory Science.

Approval is granted for a period of five years effective on the date both parties have signed this agreement.

DELAWARE TECHNICAL COMMUNITY COLLEGE

UNIVERSITY OF DELAWARE



Dr. Mark T. Brainard., President



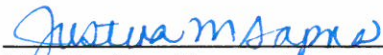
Dr. Domenico Grasso, Provost

11-22-16


Date

1-3-17

Date



Ms. Justina Sapna, Vice President for Academic Affairs



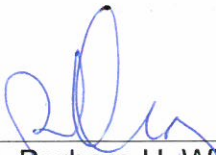
Dr. Esther Biswas-Fiss, Chair Department of Medical Laboratory Sciences

11/22/16

Date

12/1/2016

Date



Ms. Barbara H. Wiggins, Instructional Director/Chair, Medical Laboratory Technology and Science, Owens Campus

9-18-16

Date