

**Articulation from CCBC AAS Degree in Medical Laboratory Technology to  
University of Maryland School of Medicine DMRT BS Degree in Medical and Research Technology**

<b>CCBC Courses</b>	<b>Credits</b>	<b>DMRT Courses</b>	<b>Credits</b>	<b>Comments</b>
BIOL 110 Molecular and Cell	4	General Biology Requirement	4	
BIOL 109 Human Anatomy and Physiology	4	Anatomy and Physiology Requirement	4	
BIOL 230 General Microbiology	4	General Microbiology Requirement	4	
MLTC 150 Principles of Immunology and Blood Banking	3	Biology Elective Requirement	4	
MLTC 254 Clinical Internship II Immunology & Blood Bank	2	Not Transferable	0	
Math 135 Applied Algebra and Trigonometry	3	College Algebra Requirement	3	
CINS 101 Introduction to Computers	3	Computer Science Requirement	3	
ENGL 101 College Composition I	3	English Requirement	3	
SPCM 101 Fundamentals of Speech Communication	3	Humanities Elective Requirement	3	
PSYC 101 Introduction to Psychology	3	Behavioral and Social Science Elective Requirement	3	
SOCL 141 Racial and Cultural Minorities	3	Behavioral and Social Science Elective	3	

		Requirement		
MLTC 180 Principles of Hematology and Coagulation	4	Science Elective Requirement	4	
MLTC 253 Clinical Internship I Hematology & Coagulation	2	Not Transferable	0	
MLTC 200 Clinical Chemistry & Urinalysis/Body Fluids	5	Science Elective Requirement	4	
MLTC 255 Clinical Internship III Clinical Chemistry & Urinalysis/BF	2	Not Transferable	0	
MLTC 101 Introduction to Med Lab Tech	3	MEDT 321 Introduction to Laboratory Techniques	1	
MLTC 201 Clinical Microbiology	4	MEDT 490 Pathogenic Microbiology	4	
MLTC 256 Clinical Internship IV Clinical Microbiology	2	Not Transferable	0	
MLTC 200 Clinical Chemistry & Urinalysis\Body Fluids	5	MEDT 421 Urinalysis/Body Fluids	2	
CHEM 107/108 Fundamentals of Chemistry Lecture and Laboratory	4	Not Transferable	0	Required for CCBC Program and is a prerequisite for the additional Chemistries required by DMRT
MLTC 191 Special Topics in	1	Not Transferable	0	

MLT				
<b>Total Credits taken at CCBC for Associate Degree:</b>	<b>67</b>		49	
<b><i>The following courses, while not required for the AAS Degree are additional prerequisite requirements for transfer consideration into the BS degree program in Medical and Research Technology at DMRT.</i></b>				
ENGL 102 College Composition II or ENGL 106 English Grammar and Usage	3	Additional English Elective Requirement	3	
MATH 133 or any Statistics course	3-4	Statistics Course Requirement	3-4	
CHEM 121 & CHEM 122 General Chemistry I Lecture and Laboratory (Replaces CHEM 146-147)	4	Inorganic Chemistry I Course Requirement	4	
CHEM 123 & CHEM 124 General Chemistry II Lecture and Laboratory	4	Inorganic Chemistry II Course Requirement	4	
CHEM 200 & CHEM 201 Organic Chemistry I Lecture and Laboratory	4	Organic Chemistry I Course Requirement	4	
Total Credits Taken from CCBC:	85-86	Total Credits Accepted at DMRT:	67	

--Students who wish to transfer under this agreement must have an overall GPA of 3.0 or higher and have passed the ASCP MLT Board of Registry Examination or equivalent.

--Students who wish to apply for transfer with a GPA of less than 3.0, if accepted to DMRT, will NOT be eligible for waived courses (except MEDT 321 Introduction to Laboratory Techniques) or accelerated rotations.

-- Students will not need to attend the second day of DMRT's boot camp held for incoming juniors.

--Students will be eligible for an accelerated rotation of 13 days (versus the standard 19 days) in Chemistry, Hematology, and Microbiology disciplines as long as they:

(1) maintain a GPA of 3.0

(2) have earned a "B" or better in the related discipline (both at DMRT and the articulating program) where the student is seeking an accelerated rotation

(3) have completed their MLT rotations within three (3) years OR can provide evidence of work experience within the past three (3) years in the discipline where the student is seeking an accelerated rotation

(4) and receive approval in advance from both the Discipline Instructor and Program Director.