

## Program Pathway - *Medical Laboratory Technology (MLT)*

This map is a term-by-term sample course schedule. Highlighted courses have been identified as "key courses." It is strongly advised that students make every effort to pass these courses on the first attempt with a "C" or higher in order to be successful in this program. **All MLTS courses must be passed with a B or Better.**

The milestones listed below each year are designed to keep you on course to graduate in four years. Missing milestones could prevent you from being eligible for a particular program or could result in a delay in graduation. The Program Pathway serves as a general guideline to help you build a full schedule each term.

Students are required to maintain a "B" -80 or better while in the MLT program.

<b>First Year – Term 1</b>			
<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-requisites</b>
ENGL 1101 *	English Composition I	3	Minimum SAT/ACT/Accuplacer scores/HS GPA
MATH 1111	College Algebra	3	Minimum SAT/ACT/Accuplacer scores/HS GPA
POLS 1101	American Government	3	ENGL 0999 unless exempt
HIST 2111 or 2112	United States History	3	ENGL 0999 unless exempt
<b>Semester Total</b>		<b>12</b>	

<b>First Year – Term 2</b>			
<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-requisites</b>
CHEM 1211K*	Principles of Chemistry I	4	MATH 1111 with a grade of "C" or better
BIOL 2251K*	Anatomy and Physiology I	4	BIOL 1107K, except MLT majors
COMM 1110	Public Speaking	3	
ENGL 1102*	English Composition II	3	ENGL 1101 with a grade of C or better
<b>Semester Total</b>		<b>14</b>	

<b>First Year Milestones</b>
<ul style="list-style-type: none"> <li>• Complete ENGL 1101 &amp; ENGL 1102</li> <li>• Complete Area A Math</li> <li>• Meet with your advisor</li> <li>• Apply to MLT program by April 1<sup>st</sup></li> </ul>

<b>Second Year – Term 1</b>			
<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-requisites</b>
BIOL 2252K*	Anatomy and Physiology II	4	BIOL 2251K or permission of MLT advisor
MLTS 1101	Intro to Health Sci/Phlebotomy	3	
<b>Semester Total</b>		<b>7</b>	

<b>Second Year – Term 2</b>			
<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-requisites</b>
MLTS 1107	Clinical Chemistry	3	CHEM 1211K
MLTS 1103	Hematology I	3	
MLTS 1118	Instrumentation & Computer Apps in Clinical Lab	3	MLTS 1101, MLTS 1103, and MLTS 1105
MLTS 2218	Clinical Microbiology	4	BIOL 2215K or BIOL 2213K
MLTS 1190	MLT Clinical Practicum I	1	MLTS 1101 or permission of instructor
	<b>Semester Total</b>	<b>14</b>	

<b>Second Year Milestones</b>
<ul style="list-style-type: none"> <li>Meet with your advisor</li> </ul>

<b>Third Year – Term 1</b>			
<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-requisites</b>
MLTS 1104	Hematology/Coagulation II	3	MLTS 1103
MLTS 1105	Serology/Immunology	3	BIOL 2215K or BIOL 2213K
MLTS 1106	Blood Bank	3	BIOL 2215K or BIOL 2213K
MLTS 1112	Urinalysis/Parasitology	3	
	<b>Semester Total</b>	<b>12</b>	

<b>Third Year – Term 2</b>			
<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-requisites</b>
MLTS 1191	MLT Clinical Practicum II	1	MLTS 1101, MLTS 1104, MLTS 1105, MLTS 1190
MLTS 2290	MLT Clinical Practicum III	12	
	<b>Semester Total</b>	<b>13</b>	

<b>Third Year – Summer Term</b>			
<b>Course Number</b>	<b>Course Title</b>	<b>Credits</b>	<b>Pre-requisites</b>
MLTS 2291	MLT Clinical Practicum IV	4	MLTS 2290 with a grade of C or better
	<b>Semester Total</b>	<b>4</b>	

<b>Fourth Year Milestones</b>
<ul style="list-style-type: none"> <li>Submit Graduation Application to Office of Enrollment Services</li> </ul>

Notes:

\* denotes grade of 'C' or higher required

*The Program Pathway is not a contract, neither expressed or implied, between the student and Dalton State College, but represents a flexible program of the current catalog's curriculum which may be altered at any time to carry out the academic objectives of the College.*