



Canadian Society for Medical Laboratory Science  
Société canadienne de science de laboratoire médical

## Learning Plan: CSMLS Pre-Approved Course List – Refresher Courses

### **Refresher Courses – Definition**

Refresher courses are short courses aimed at helping one to recall and reinforce a subject that a person has previously acquired knowledge and skills in through a formal education process.

### **Pre-Approved Course List – Disclaimer**

The courses listed in this package are designed to help you meet the objectives set out in your “Learning Plan”.

These courses have been reviewed by subject-matter experts in the field, to ensure that they are relevant and current. They are organized by the discipline they will address. Some of these courses are comprehensive - you only need to take one to cover an entire discipline. Others are bundled into groups; therefore you will need to take all courses in a given bundle (option) to meet the requirements of that discipline. Partial completions will not be accepted.

The courses listed vary in cost, length of time and format. Some of the courses described are offered in an in-class setting and others online or a combination of both. In some cases you will be required to obtain additional learning materials such as text books.

All courses are offered in English unless otherwise noted.

If you are unsure about the applicability of a course please contact the PLA department at the CSMLS offices.

<b>Hematology Refresher Course Options</b>			
<b>Option Number:</b>	<b>Institution/Course Provider:</b>	<b>Course Code:</b>	<b>Course Name:</b>
1	OPTMQ : Ordre professionnel des technologistes médicaux du Québec	Not Applicable	Hématologie I (In French only)
			Hématologie II (In French only)
2	Saskatchewan Polytechnic	HEMA 1800	Hematology Refresher
3	British Columbia Society of Laboratory Science (BCSLs)	BCSLs B2B HEM	Back to Basics Hematology
4	The Michener Institute for Applied Health Sciences	HE837	Tutorials in Hematology & Coagulation
5	Southern Alberta Institute of Technology (SAIT)	HEMA 001	Hematology (Theory)

<b>Transfusion Science Refresher Course Options</b>			
<b>Option Number:</b>	<b>Institution/Course Provider:</b>	<b>Course Code</b>	<b>Course Name:</b>
<b>1</b>	<b>OPTMQ : Ordre professionnel des technologistes médicaux du Québec</b>	<b>Not Applicable</b>	<b>Immunohématologie I (In French only)</b>
			<b>Immunohématologie II (In French only)</b>
<b>2</b>	<b>Saskatchewan Polytechnic</b>	<b>TRFS 1800</b>	<b>Transfusion Science Refresher</b>
<b>3</b>	<b>The Michener Institute for Applied Health Sciences</b>	<b>IH903</b>	<b>Tutorials in Transfusion Science</b>
	<b>Canadian Society for Medical Laboratory Science (CSMLS)</b>	<b>9809-17</b>	<b>Adverse Effects of Blood Transfusion</b>
		<b>9811-16</b>	<b>Clinical Indications of Blood Components</b>
<b>4</b>	<b>Southern Alberta Institute of Technology (SAIT)</b>	<b>MEDL 104</b>	<b>Transfusion Medicine Theory</b>
<b>5</b>	<b>Canadian Society for Medical Laboratory Science (CSMLS)</b>	<b>4336-13</b>	<b>Transfusion Medicine Refresher Course</b>

<b>Clinical Chemistry Refresher Course Options</b>			
<b>Option Number:</b>	<b>Institution/Course Provider:</b>	<b>Course Code:</b>	<b>Course Name:</b>
1	OPTMQ : Ordre professionnel des technologistes médicaux du Québec	Not Applicable	Biochimie clinique I (In French only)
			Biochimie clinique II (In French only)
2	Saskatchewan Polytechnic	CHEM 1804	Clinical Chemistry Refresher
3	The Michener Institute for Applied Health Sciences	CC859	Tutorials in Clinical Chemistry I
		CC860	Tutorials in Clinical Chemistry II
		CC861	Tutorials in Clinical Chemistry III
4	Southern Alberta Institute of Technology (SAIT)	CHEM 102	Analytical Chemistry Theory
		CHEM 104	Clinical Chemistry (Theory) Refresher
		UANL 101	Urinalysis Theory
5	British Columbia Society of Laboratory Science (BCSLS)	BCSLS B2B CHEM	Back to Basics Chemistry

<b>Microbiology Refresher Course Options</b>			
<b>Option Number:</b>	<b>Institution/Course Provider:</b>	<b>Course Code</b>	<b>Course Name:</b>
<b>1</b>	<b>Canadian Society for Medical Laboratory Science (CSMLS)</b>	<b>9813-11</b>	<b>Staphylococci</b>
		<b>9814-12</b>	<b>Streptococci</b>
		<b>9820-11</b>	<b>Fastidious Gram Negative Bacilli</b>
		<b>9821-12</b>	<b>Neisseria and Moraxella</b>
		<b>9828-12</b>	<b>Miscellaneous Gram Positive Rods</b>
		<b>9830-18</b>	<b>Enterobacteriaceae</b>
		<b>9831-18</b>	<b>Enterobacteriaceae: Media &amp; Identification Tests</b>
		<b>4878-20</b>	<b>Anaerobic Bacteriology Part 1</b>
		<b>4879-20</b>	<b>Anaerobic Bacteriology Part 2</b>
<b>2</b>	<b>Saskatchewan Polytechnic</b>	<b>MICR 1800</b>	<b>Microbiology Refresher</b>
<b>3</b>	<b>The Michener Institute for Applied Health Sciences</b>	<b>MI905</b>	<b>Tutorials in Microbiology</b>
<b>4</b>	<b>Southern Alberta Institute of Technology (SAIT)</b>	<b>MBIO 102</b>	<b>Clinical Microbiology (Theory)</b>

<b>Histology/Histotechnology Refresher Course Options</b>			
<b>Option Number:</b>	<b>Institution/Course Provider:</b>	<b>Course Code:</b>	<b>Course Name:</b>
<b>1</b>	<b>OPTMQ : Ordre professionnel des technologistes médicaux du Québec</b>	<b>Not Applicable</b>	<b>Histotechnologie I (In French only)</b>
			<b>Histotechnologie II (In French only)</b>
<b>2</b>	<b>Saskatchewan Polytechnic</b>	<b>HSTC 1800</b>	<b>Histotechnology Refresher</b>
<b>3</b>	<b>The Michener Institute for Applied Health Sciences</b>	<b>HI901</b>	<b>Tutorials in Histology</b>
<b>4</b>	<b>Southern Alberta Institute of Technology (SAIT)</b>	<b>MEDL 102</b>	<b>Histology (Theory)</b>