



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.

Hematology Refresher Course Options

Option Number:	Institution/Course Provider:	Course Code:	Course Name:
1	Mohawk College	MLSCMLS11	Analytical Techniques 2 Theory
		MLSCMLS12	Analytical Techniques 2 Lab
2	OPTMQ : Ordre professionnel des technologistes médicaux du Québec	Not Applicable	Hématologie I (In French only)
			Hématologie II (In French only)
3	Saskatchewan Institute of Applied Science and Technology (SIAST)	HEMA 1800	Hematology Refresher
4	British Columbia Society of Laboratory Science (BCSLs)	BCSLs B2B HEM	Back to Basics Hematology
5	The Michener Institute for Applied Health Sciences	HE837	Tutorials in Hematology & Coagulation
6	Southern Alberta Institute of Technology (SAIT)	HEMA 301	Hematology (Theory)

Transfusion Science Refresher Course Options			
Option Number:	Institution/Course Provider:	Course Code	Course Name:
1	Mohawk College	MLSCMLS13	Analytical Techniques 2 Lab & Theory
2	OPTMQ : Ordre professionnel des technologistes médicaux du Québec	Not Applicable	Immunohématologie I (In French only)
			Immunohématologie II (In French only)
3	Saskatchewan Institute of Applied Science and Technology (SIAST)	TRFS 1800	Transfusion Science Refresher
4	The Michener Institute for Applied Health Sciences	IH903	Tutorials in Transfusion Science
	Canadian Society for Medical Laboratory Science (CSMLS)	9809-10	Adverse Effects of Blood Transfusion
		9811-09	Clinical Indications of Blood Components
5	Southern Alberta Institute of Technology (SAIT)	MEDL 360	Transfusion Medicine Theory Refresher
	Canadian Society for Medical Laboratory Science (CSMLS)	9812-10	Overview of Common Blood Systems
		9896-10	Improve Your Skills in Identification of Blood Group Alloantibodies
6	Canadian Society for Medical Laboratory Science (CSMLS)	4336-10	Transfusion Medicine Refresher Course

Clinical Chemistry Refresher Course Options			
Option Number:	Institution/Course Provider:	Course Code:	Course Name:
1	Mohawk College	MLSCMLS09	Analytical Techniques 1 Theory
		MLSCMLS10	Analytical Techniques 1 Lab
2	OPTMQ : Ordre professionnel des technologistes médicaux du Québec	Not Applicable	Biochimie clinique I (In French only)
			Biochimie clinique II (In French only)
3	Saskatchewan Institute of Applied Science and Technology (SIAST)	CHEM 1804	Clinical Chemistry Refresher
4	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
5	Southern Alberta Institute of Technology (SAIT)	CHEM 313	Analytical Chemistry
		CHEM 353	Clinical Chemistry (Theory)
		UANL 268	Urinalysis

Microbiology Refresher Course Options			
Option Number:	Institution/Course Provider:	Course Code	Course Name:
1	Mohawk College	MLSCMLS14	Analytical Techniques 4 Lab & Theory
	Canadian Society for Medical Laboratory Science (CSMLS)	9830-11	Enterobacteriaceae
		9831-11	Enterobacteriaceae: Media & Identification Tests
		4878-09	Anaerobic Bacteriology Part 1
		4879-10	Anaerobic Bacteriology Part 2
		4655-08 (optional)	Yeasts and Actinomycetes
2	Canadian Society for Medical Laboratory Science (CSMLS)	9813-11	Staphylococci
		9814-12	Streptococci
		9820-11	Fastidious Gram Negative Bacilli
		9821-12	Neisseria and Moraxella
		9828-12	Miscellaneous Gram Positive Rods
		9830-11	Enterobacteriaceae
		9831-11	Enterobacteriaceae: Media & Identification Tests
		4878-09	Anaerobic Bacteriology Part 1
		4879-10	Anaerobic Bacteriology Part 2
		4655-08 (optional)	Yeasts and Actinomycetes
3	Saskatchewan Institute of Applied Science and Technology (SIAST)	MICRO 1800	Microbiology Refresher
4	The Michener Institute for Applied Health Sciences	MI905	Tutorials in Microbiology
5	Southern Alberta Institute of Technology (SAIT)	MBIO 316	Clinical Microbiology (Theory)

Histology/Histotechnology Refresher Course Options			
Option Number:	Institution/Course Provider:	Course Code:	Course Name:
1	Mohawk College	MLSCMLS15	Analytical Techniques 5 Lab & Theory
2	OPTMQ : Ordre professionnel des technologistes médicaux du Québec	Not Applicable	Histotechnologie I (In French only)
			Histotechnologie II (In French only)
3	Saskatchewan Institute of Applied Science and Technology (SIAST)	HSTC 1800	Histotechnology Refresher