



# COLLEGE OF MEDICAL LABORATORY TECHNOLOGISTS OF MANITOBA

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## Clinical Genetics Refresher Course List

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Courses on this list are approved for members that are eligible to practice in cytogenetics and/or molecular genetics.

Please note: This list is a summary of course information. Applicants should contact the institution offering the course(s) for the most up-to-date detailed information/registration protocols. All courses listed are available by distance education.

All refresher/update courses must have an evaluation component. The transcript **MUST** state the number of course hours.

Other courses will be considered for approval by the Board of Assessors when a request and the course outline are submitted to the CMLTM.

Institution	Outline	Duration	Cost
<b>University of Waterloo</b> <a href="http://cel.uwaterloo.ca/courses/?sub=BIOL&amp;cat=239&amp;topic=0">http://cel.uwaterloo.ca/courses/?sub=BIOL&amp;cat=239&amp;topic=0</a>	<b>BIOL 239: Genetics</b> Mendelian genetics. Chromosomal mechanisms in mitosis and meiosis. The origin, inheritance and adaptive significance of chromosomal changes. Nucleic acids as the carriers of genetic information. Natural selection and the evolution of genetic systems.	12 Weeks On-line (TBA)	\$716.00

Institution	Outline	Duration	Cost
<b>Canadian Society for Medical Laboratory Science</b> <a href="https://learn.csmls.org/to_pclass/browse.do?c=1386">https://learn.csmls.org/to_pclass/browse.do?c=1386</a>	<b>9890-12 Molecular Biology I: Overview of Nucleic Acid Structure</b> Review basic principles of nucleic acid structure and function that may be applied in a diagnostic or research laboratory which employs molecular biology techniques.	12 Weeks 6 PEP hours On-line	CSMLS Members, \$95.00 Non-members, \$145.00