


GENETICS REFRESHER COURSE LIST



Courses on this list are approved for Registrants and Applicants who are eligible to practice in **Molecular Genetics** and **Cytogenetics**.

Courses on this list are also approved for Applicants who have not been actively engaged in medical laboratory technology. One may complete course(s) relevant to specialty/specialties in which registration is being sought. Please note that this list is a summary of course information. Registrants and Applicants should contact the institution offering the course(s) for the most up-to-date detailed information/registration protocols and costs. All refresher/updating courses must have an evaluation component, and the transcript **MUST** state the number of hours in the course. Fees are approximate as of October 2025.

Other courses that are not listed must be submitted to the CMLTO Registration Committee for consideration for approval prior to enrollment (the course must have an evaluation component and be related to medical laboratory science). For more information, please contact the CMLTO Registration Department by e-mail at registration@cmlto.com.

Distance Education courses identified by  1 PEP hr = 1 refresher course hr 1 CEU hr = 10 refresher course hrs

Institution	Outline	Prerequisites/More Info	Duration/Fee
Medical Laboratory Professionals' Association of Ontario (MLPAO)	Molecular Diagnostics Laboratory Fundamentals Made by MLTs for MLTs and MLA/Ts, this course connects theoretical knowledge to pre-analytical and post-analytical tasks performed in the laboratory, including COVID-19 PCR testing. Within the course, there is an emphasis on connecting the theoretical knowledge to the pre-analytical and post-analytical tasks that an MLA/T may perform in the laboratory. The course has 4 modules which should be completed in sequence.	Course information	6 credit hours \$79.99 

The Michener Institute of Education at UHN	HGCE110 HUMAN GENETICS This course has been created to support the understanding of Human Genetics through the study of cells, cell division, modes of inheritance, human ancestry and human evolution. This is an excellent introductory course in Human Genetics for health care practitioners, internationally trained health care practitioners and those interested in developing careers in human/medical genetics.	Course information	4.80 CEU Domestic \$929.00  International: \$1161.00
The Michener Institute of Education at UHN	MGCE110 MOLECULAR GENETICS This course has been created to support the understanding of Molecular Genetics through the study of DNA, gene expression and mutations, DNA sequencing, genetic testing and treatments, cancer genetics and other DNA-related technologies. This is an excellent introductory course in Molecular Genetics for health care practitioners, internationally trained health care practitioners and those interested in developing careers in human/medical genetics.	Course information	Length: Continuous enrolment max one year 4.80 CEU Domestic \$929.00  International: \$1161.00