MLT2317 - Immunology Lab

Credits:	1 (0/1/0)
Description:	This course is the laboratory component of the Immunology course that includes the fundamental techniques related to the science of immunology. Learners will practice performing basic laboratory techniques related to immunological methods including the preparation, analysis, interpretation and reporting of quality control material and patient sample results. The course emphasizes testing and disease diagnosis of disorders such as hepatitis, acquired immune deficiency syndrome, lupus, rheumatoid arthritis, Lyme disease, syphilis, infectious mononucleosis and streptococcal infections.
Prerequisites:	• Admission to MLT program
Corequisites:	
Pre/Corequisites*:	• MLT2316
Competencies:	1. Prepare and perform quality control methods. 2. Perform basic immunological tests to detect antibody-antigen complexes used to identify disease. 3. Interpret immunological test results seen in health and disease. 4. Recognize acceptable and unacceptable quality control material and patient sample results. 5. Troubleshoot pre-analytical, analytical and post-analytical issues. 6. Accurately report quality control material and patient sample results. 7. Demonstrate laboratory safety and use of Standard Precautions.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*

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