MLT2316 - Immunology

Credits:	1 (1/0/0)
Description:	This is an introductory course for Medical Laboratory Technology students which covers fundamentals of the immune system. Other topics included in the course are discussion of laboratory methods that utilize principles of the immune system for diagnosis of disease and discussion of antigens and antibodies and their presence in health and disease.
Prerequisites:	• Admission to MLT program
Corequisites:	
Pre/Corequisites*:	• MLT2317
Competencies:	1. Identify the differences between innate and adaptive immunity. 2. Compare the differences and similarities in humoral and cell-mediated immunity. 3. Characterize the five immunoglobulin structures and functions. 4. Describe the theory and purpose of immunization. 5. Correlate the presence of antigens and/or antibodies with states of health and disease. 6. Identify the causes and effects of hypersensitivity, autoimmune disease and transplantation rejection.
MnTC goal areas:	None

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

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