

## MLT1216 - Hematology

Credits:	2 (2/0/0)
Description:	This is an introductory course for Medical Laboratory Technology students covering the production, maturation, function and abnormalities of blood cells and coagulation to maintain body homeostasis.
Prerequisites:	<ul style="list-style-type: none"><li>• Admission to the MLT program</li></ul>
Corequisites:	
Pre/Corequisites*:	<ul style="list-style-type: none"><li>• MLT1217</li></ul>
Competencies:	<ol style="list-style-type: none"><li>1. Explain the production, maturation sequence, destruction and function of erythrocytes.</li><li>2. Correlate the production of abnormal erythrocytes to signs, symptoms and pathophysiology of hematologic disorders.</li><li>3. Explain the production, maturation sequence and destruction of leukocytes.</li><li>4. Compare the function of leukocytes in health and in disease.</li><li>5. Correlate hematological abnormalities with signs and symptoms of leukocyte disorders.</li><li>6. Explain the production, maturation sequence, destruction and function of thrombocytes.</li><li>7. Describe the coagulation cascade.</li></ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.