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:	• Admission to the MLT program
Corequisites:	
Pre/Corequisites*:	• MLT1217
Competencies:	1. Explain the production, maturation sequence, destruction and function of erythrocytes. 2. Correlate the production of abnormal erythrocytes to signs, symptoms and pathophysiology of hematologic disorders. 3. Explain the production, maturation sequence and destruction of leukocytes. 4. Compare the function of leukocytes in health and in disease. 5. Correlate hematological abnormalities with signs and symptoms of leukocyte disorders. 6. Explain the production, maturation sequence, destruction and function of thrombocytes. 7. Describe the coagulation cascade.
MnTC goal areas:	None

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

© 2026 Minnesota State Community and Technical College.
We reserve the right to periodically update information without notice.
The information in this publication should not be regarded as contractual in nature.