Unit 1: Introduction to Hematology
Learning Objectives

At the end of this unit, the student should be able to:

1. Define hematology and list 4 functions of the hematology lab.
2. Define hematopoiesis.
3. List three formed elements in the blood.
4. List the normal percentage of formed elements versus the liquid portion of the blood.
5. State the difference between serum and plasma.
6. List the constituents in the blood.
7. Identify the function of erythrocytes, leukocytes and platelets.
8. Describe the composition of blood.
9. Compare the reference ranges for hemoglobin, hematocrit, erythrocytes, and leukocytes in infants, children and adults.