

**BMD 330 and 335: Human Physiology**  
**Chapter 16 Objectives**

**The Cardiovascular System: Blood**

1. Identify the major components of blood and describe their functions.
2. Describe the life cycle of red blood cells.
3. Identify the different classes of leukocytes and briefly explain their roles in defense against pathogens.
4. Describe platelets and the mechanism of clot formation.