**Introduction to Health Science: Unit 3-Transportation Systems**

**The Circulatory System**

**Functions of the Circulatory System**

Primary Function:

**Components of the Circulatory System**

Blood

Four components

Blood Vessels

Closed system for flow of blood

Three types of vessels:

Arteries, Capillaries, and Veins

Heart

Chambers of the Heart

Valves of the Heart

Major Blood Vessels

Blood Flow through the Heart

*Deoxygenated blood Oxygenated Blood*

**Diseases and Disorders**

Anemia

Causes:

 Symptoms:

Heart Attack (Myocardial Infarction)

Symptoms:

High Blood Pressure (Hypertension)

Atherosclerosis

 