# Chapter 40

#### Learning Objectives:

* List your assessment/course learning objectives here in bullet point format.
* Sample objective 1
* Sample objective 2

**Directions:** List your specific directions here

**Project 1:**

Explain the similarities and differences of a closed- and open-circulatory system.

Name all the components (cells and dissolved solutes) of the blood, then cite each of their specific biological contributions to homeostasis (i.e. their functions).

Create a table that outlines the regulators of blood pressure. Be sure to include how each acts to regulate pressure.

List in sequence the path of blood flow through the mammalian circulatory system.

Number and explain the steps of the cardiac cycle.

**Project 2:**

Find the correct answers to the end of the chapter “Review Questions.” Note the page number on which you found the answer. Be prepared to share and explain your answers in a group setting.

**Project 3:**

Answer the end of the chapter “Critical Thinking Questions.”