

Anatomy and Physiology II

Learning Guide: The Blood

Overview – The blood module is lengthy. And at face value, some topics do not necessarily appear to relate to one another. Nevertheless, this foundational content will be essential in undergirding upcoming lectures.

Review Topics - This module also builds upon three important topics that were presented in A&P I and/or Chemistry. These topics include the

- **Osmosis**
- **Buffer System**
- **Glycolysis and Cellular Respiration**

If you are uncomfortable with one or more of the above topics, set aside time for their consideration. Handouts and videos are designed for this review and are identified on the [Lecture Homepage](#).

Getting Started

- **Lecture Outline** - To start, print the [Lecture Outline](#) and have this in hand as you begin to review video content. Use it for note-taking purposes.
- **Handouts** - Several [handouts](#) provide support and visual guidance to aspects of the lecture content. Please have these in hand as you go over the material.
- **Videos** - The [videos](#) will cover all topics in a point-by-point fashion. Use your text to support and supplement your understanding. Make your study visual! The [image bank](#) is there to help, as is your textbook.

Exam – The exam on the blood will have a variety of question types. You will want a clear understanding of the vocabulary and how to use it in the context of the physiology presented. Exams are not open-book exams. As many of you are headed toward the allied health professions, you will want to know the material, not merely be acquainted with the material. If you would like to learn [“About Assessments”](#) document.

After the Exam – Once the Exam on the blood is complete, the module on the Heart officially begins. Here is a direct link to the [Heart Module](#).

Final Point – Leukocytes (White Blood Cells) are an essential classification of blood cells, however, we will cover leukocytes when we do the immune system.