

# Anatomy and Physiology II

## Learning Guide: Nonspecific Host Immunity

**Overview** – The immune system is divided into two modules:

- Part #1 - Nonspecific Host Immunity
- Part #2 - Specific Host Immunity.

The current module looks at the body's Nonspecific Host Immunity defenses, with particular attention on wound healing. The final two topics discussed will be the complement system and interferon's place in fighting viral infections.

**Review Topics** – No Anatomy and Physiology II module overlaps more with A&P I than this one. We will lean heavily on several topics that arise for the histology lecture. Wound healing is typically covered in the context of the Integumentary system. Interferon and the Complement System overlap with microbiology. Therefore, regardless of your background, you can anticipate some review of previous concepts to ensure that you can grasp current topics is solid.

**Getting Started** – The outline provides a typical structure for learning to proceed through this module. Use it for note-taking purposes with the videos and to guide you in using the textbook. Finally, at the end of the lecture, we will cover the complement system and the role interferon plays in fighting viral infections. Handouts on these topics can be found [HERE](#).

**Exam** – Visuals are always important when studying Anatomy and Physiology II, which is certainly true here. The exam is divided into two parts:

- **Part #1** – There are several matching and possibly a few multiple-choice questions.
- **Part #2** - Wound healing will be a guided essay. Know this topic well and be able to use the vocabulary appropriately (52 points). Master this immediately. There is a foundational handout to provide the background necessary to discuss this subject.

**Laboratory** – you should continue to review the heart and vessels in preparation for your first lab practical.

**Final Point** – Wound healing is a capstone topic for this unit. Next to the cardiac cycle, it is probably the second most important topic that will directly affect clinical studies for some of you. Learn the essay well.