

# Anatomy and Physiology II

## Learning Guide: Reproductive Systems

**Overview** – The reproductive system is logically divided into two divisions. We will study the male system first, as it is physiologically simpler. Then, the female reproductive tract will follow. In both cases, hormonal regulation will be an essential focus.

**Review Topics** – There are no major review topics for the reproductive systems. However, we will draw upon your understanding of the immune system when discussing the blood-testis barrier. In addition, there will be some review of meiosis from a previous science course.

**Getting Started** – Keep your approach visual. When we get to the hormonal regulation discussions, you will want to cycle through the feedback systems *several times and know them well*.

**Exam(s)** – Depending upon the college academic calendar, assessment for both Male and Female Reproductive systems may be combined into one or treated separately on two different exams on two different days. Check your [Course Schedule](#) to see if they combined or separate.

Remember that the last unit is “non-droppable.” Therefore, if you have two separate exams on the male and female systems, they are both “non-droppable.”

**Exam Nuances** - This topic will be divided into two parts: male and Female. A lot of information is presented. It is important that you focus on the entire corpus of lecture content and not just “special” details (see below).

**Part #1, Male** – After dealing with the general information on the lecture outline, there will be an illustration of hormonal regulation for the male, so you will want to know the handout illustration well.

**Part #2, Female** - After dealing with the general information in the lecture outline, a guided essay on hormonal regulation for the female will cover both the non-pregnant and pregnant scenarios.

**Exam Administration** ■ Exam administration varies according to modality.

**Part #1, Male**

**In-class** – Know the illustration of hormonal regulation well. You will see a facsimile of it on your exam and be asked detailed questions about it.

**Blackboard** – Know the illustration of hormonal regulation well. You will see a facsimile of it on your exam and be asked detailed questions about it.

***Part #2, Female***

**In-class** – You will be asked detailed questions about the illustration of female hormonal regulation for 15 points (see handout). After that, you will have a 52-point guided essay on the same.

**Blackboard** – You will be asked detailed questions about the illustration of female hormonal regulation for 15 points (see handout). After that, you will have a 52-point guided essay on the same.

**Laboratory** – There are no laboratory exercises for these topics.

**Final Point** – As is the case for all topics in Anatomy and Physiology, make your approach visual.