

Anatomy and Physiology I and II

Course Overview (Biology 121):

This year-long course is for those interested in the life science and medical fields. Anatomy and Physiology is a laboratory based study of the human body. The course will progress through the hierarchy of the human body from tissues to organ systems and the processes that regulate each. Students will be assessed over these topics in a variety of ways such as unit end group projects, traditional multiple choice exams and laboratory practical exams. Mammalian dissection will be used to complement course work and give students real world experiences. Anatomy and Physiology is an excellent way to prepare oneself for future college courses such as Anatomy and Physiology I and II as well as Histology and Medical Terminology. A lab fee is required. This course meets NCAA eligibility requirements.

CCP (Anatomy and Physiology I and II) -This AHS course is a two semester CCP course offered over the course of an entire school year. Students who register for BIOG 121 will be registered for BIOG 122 second semester. However, in order to remain in the second semester of the course, the prerequisite is BIOG 121: ANATOMY AND PHYSIOLOGY I and thus the course must be passed in order to remain in the CCP level of the course. BIOG 121 is an introduction to chemistry, cell biology and histology, as well as an in-depth study of the following human organ systems: integumentary, skeletal, muscular, nervous (including special senses), and endocrine. This course is designed for students interested in future life science majors. BIOG 122: is a continuation of Anatomy & Physiology I. It is the study of the structure and function of the following human organ systems: reproductive (including embryology and fetal development), digestive, cardiovascular, lymphatic (including immunity), respiratory, and urinary (including fluid/electrolyte and acid/base balance). This course meets NCAA eligibility requirements. This is a College Credit Plus Course offered on the AHS campus. Students must apply and be accepted into the CCP program in order to participate in this course. Students are bound by the regulations of the CCP program as established by LCCC. There is no fee to participate in the College Credit Plus program.

Textbooks:

Laboratory Textbook

Assessments:

Chapter and Unit Tests - Final

Teacher Created Assessments

Formative and summative assessments using classwork, lab work, homework, projects and tests

[CLICK HERE](#) for Anatomy Standards and Learning Goals: