

Nueces Canyon High School

Anatomy & Physiology (A&P)

Course Syllabus

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Conference: 8:47-9:30, 10:40-11:28

Materials:

Textbook

Notebook paper – Provided

Pen or Pencil

Colored pencils (map colors)- Provided

Course description:

As defined by the Texas Education Agency (TEA) and the Texas Essential Skills and Knowledge (TEKS): In Anatomy and Physiology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

Course objectives:

The course objectives are also defined by the TEKS. Here is a brief overview; you can find the complete A&P TEKS at <http://ritter.tea.state.tx.us/rules/tac/chapter130/ch130h.html>.

1. To demonstrate safe, environmentally appropriate, and practices in the laboratory and field.
2. To use scientific methods and equipment during laboratory and field investigations, including knowing the nature of science, the definitions of hypothesis and theory, and to plan, analyze, and communicate scientific investigations.
3. To use critical thinking, scientific reasoning, and problem solving to make informed decisions within and outside the classroom.
4. To evaluate the energy needs of the human body and the processes through which these needs are fulfilled.
5. To differentiate the responses of the human body to internal and external forces.
6. To examine the body processes that maintain homeostasis.
7. To examine the electrical conduction processes and interactions
8. To explore the body's transport systems

9. To investigate environmental factors that affect the human body.
10. To investigate structure and function of the human body.
11. To describe the process of reproduction and growth and development.
12. To recognize emerging technological advances in science.

Grading procedures:

You will receive a minimum of 2 grades per week totaling 12 grades for each 6 week grading period. Report cards with your grades will be issued once every 6 weeks. Your 6-week grade will be determined by a combination of tests (34%), labs (33%) and daily grades (33%). You will also have the opportunity to earn bonus points and extra credit though out the year. If you ever have a concern over a grade, come talk to me during Panther Time. I'll be happy to discuss your assignments with you, your parent(s)/guardian(s), or both! Make-up policy: If you are absent, see me for make up work unless it was picked up by a parent/guardian. It is your responsibility to turn in your makeup workperiod.