

Vision: To create an environment where our learners grow as individuals while gaining professional expertise and skills.

Mission: To offer inspiration through advanced instruction and authentic experiences.

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Human Anatomy & Physiology Principles

The Human Anatomy and Physiology curriculum is designed to build upon student investigations and deepen their understanding of the biological sciences. This course is an introduction to the study of living systems and their interaction with the environment. It includes information about problem solving, making observations, and comparisons. This course further introduces the central concept of the cell, the tissue, organs, organ systems, and interactions among the organ systems at the organism level, the organism's reaction to foreign invaders, and the adaptive responses of the organism. Students will explore this subject through many different means, including, but not limited to, Google Classroom, Edpuzzle, Classroom reading, writing, discussion, and laboratory activities.

Course Objectives

AAS associates will obtain, evaluate, and communicate information to

- analyze the nature of the relationships between structures and functions in living cells.
- analyze how anatomical structures make the organism functional.
- analyze the structure and function of the integumentary, skeletal, and muscular systems.
- explain the coordination of information processing in the endocrine and nervous systems.
- analyze the processing of matter and energy in the cardiovascular, respiratory, digestive, and urinary systems.
 - Analyze the role of the reproductive system as it pertains to the growth and development of humans.

Required Supplies
• Composition book • Binder + Paper • Writing Utensil

Expectations for Academic Success
• NO phone, NO air pods, NO apple watches • Attend class daily and submit work on time. • Respect yourself and others.

Grade Calculation

Summative Assessments = 40%	Formative Assessments = 40%
• Authentic learning projects, exams, presentations, essays, labs.	• Practice Work: classwork, CFA, homework, quizzes, labs, authentic learning experience.

Final Exam/ Final Project = 20%
Human Anatomy and Physiology will have a culminating final exam/project that assesses learning of the semester's course content. The state exam will be 20% of the overall course grade.

Late Work / Make-up Work

Missing work can be submitted (with a 10% deduction) prior to the end of the unit.

Once a unit is over, no more work from that unit will be accepted.

Extra Credit/Unit tests/Retest:

All unit tests will be administered on paper. No end-of-the unit or end-of-the semester extra credit is available or offered in this class. Retest will be at the discretion of the teacher.

Attendance (Absence/tardy):

All **associates are responsible** to get, complete, and submit all missing work due to absences/tardies. **Associates with frequent tardies/missed instruction are responsible to make up their missing work.**