
PETERS TOWNSHIP HIGH SCHOOL

COURSE SYLLABUS: ANATOMY & PHYSIOLOGY I

Course Overview and Essential Skills

Anatomy & Physiology form the foundation for coursework in the health-related profession. It is essential for students to develop knowledge of medical terminology, body systems, and common diseases affecting those systems. Students will gain a solid base of information what will give them a glimpse of what the health care profession will be like in the 21st century.

Course Textbook and Required Materials

- Title: Hole's Essentials of Human Anatomy & Physiology, 12th edition, McGraw-Hill, 2015
- 1 ½-2 inch Binder, notebook or paper (for taking notes), writing utensils

Course Outline of Material Covered:

Unit or Topic	Concepts/Skills/Resources	Timeframe
Introduction of A & P	This is a mastery-based class. Students will be required to complete bi-weekly exams with at least 80% accuracy. Failure to reach this standard will mean re-testing. If the passing standard is not achieved, the student will not be allowed to advance in the class.	On going.
The Latin Connection	The students will be taking a crash-course in Latin to learn the basics of Medical Terminology.	Approximately 2 weeks
Let's Get Organized	Students will learn the location, Latin name, system and function of major organs of the human body	1 week
Support & Movement	Integumentary, Skeletal, & Muscular Systems	3 weeks
Integration & Coordination	Nervous and Endocrine Systems Somatic and Special Senses	2 weeks
Transport	Blood, Cardiovascular System, Heart Dissection, Lymphatic System	5 weeks
Absorption & Excretion	Digestion & Nutrition, Respiratory & Urinary Systems, Water, Electrolyte & Acid-Base Balance	3 weeks
Human Life Cycle	Reproductive System, Pregnancy, Growth & Development	2 weeks

****Depending on the needs of the class or changes in the school year, the course outline is subject to change.***