



Course Name: Anatomy & Physiology (Online)
120 Hours

Course Description:

Anatomy and Physiology is the study of the structural complexities of the human body and its intricate functional mechanisms. In this course, students will learn and demonstrate a basic understanding of the following body systems: Organization of the Body; Chemical Basis for Life; Cells, Tissues, and Membranes; Integumentary System; Skeletal System; Muscular System; Nervous System; Endocrine System; Blood; Cardiovascular System; Lymphatic and Immune Systems; Respiratory System; Digestive System; Urinary System; and the Reproductive System. This course meets the prerequisite requirement for the Practical Nursing (PN) program at Mid-Del Tech Center.

Prerequisites: N/A

Curriculum Resources: books, etc.

Books provided upon enrollment

Course Goals & Objectives:

By the end of this course, the student should be able to:

1. Use correct terminology to discuss the chemistry, cell structure, and tissues of the human body.
2. Use correct terminology to discuss the components and functions of blood, as well as the formation and anatomy of blood cells.
3. Identify and explain the structure and functions of each body system.
4. Discuss diseases, disorders, and conditions commonly found in healthcare occupations.
5. Explain the role of each body system in maintaining homeostasis.

Teaching Philosophy:

We believe that instructors, staff, and administrators have a shared responsibility to provide: 1) innovative course design and instruction; 2) a safe, learner-centered environment; and 3) an authentic learning experience.

Evaluation Methods:

Student success is based on participation in class activities and the completion of exercises. A certificate of completion requires 100% attendance and completion of all assigned activities.

Grading Policy:

Student success is based on participation in class activities and the completion of exercises. A certificate of completion requires successful completion of all assigned work within the established time frame. Types of graded assignments will be projects, review questions, activities and assignments.

S = Satisfactory

U = Unsatisfactory

A course grade of Unsatisfactory does not qualify the course as a prerequisite to other courses.

Participants Responsibilities:

To ensure a quality and safe learning environment, students are required to follow the Student Behavior policy found online at <https://www.middeltech.com/student-services/student-handbook/>.