

## CUMBERLAND COUNTY COLLEGE

Course: BI 104 Human Biology

Credits: 3

Prerequisite: EN060

### Description:

Introduces students to the anatomy and physiology of the human body. The course provides a basic overview of the normal structure and function of body systems and their interrelations. The course will not serve as a prerequisite for Anatomy and Physiology and is not a substitute for Anatomy and Physiology.

### Learning Outcomes:

Upon successful completion of this course, students will be able to:

- Apply the concepts of homeostasis and stress to the body.
- Use basic anatomical terminology to discuss various structural aspects of the body.
- Apply basic chemistry and cell biology necessary for understanding physiologic processes.
- Describe the basic anatomy and physiology of cells (including bioelectricity), tissues of the body, the skeletal system, the muscular system, the nervous system, the endocrine system, the cardiovascular system, the respiratory system, the gastrointestinal system, the urinary system and the reproductive system.

### Topical Outline:

- The human body: an orientation
- Basic chemistry
- Cells and tissues
- Skin and body membranes
- The skeletal system
- The muscular system
- The nervous System
- Special senses
- The endocrine system
- Blood
- The cardiovascular system
- The respiratory system
- The digestive system and body metabolism
- The reproductive system

### Text:

Essentials of Anatomy and Physiology, 10th edition, Marieb, E. Benjamin Cummings Publisher.

Academic Integrity:

Plagiarism is cheating. Plagiarism is presenting in written work, in public speaking, and in oral reports the ideas or exact words of someone else without proper documentation.

Whether the act of plagiarism is deliberate or accidental [ignorance of the proper rules for handling material is no excuse], plagiarism is, indeed, a “criminal” offense.

As such, a plagiarized paper or report automatically receives a grade of **ZERO** and the student may receive a grade of **F** for the semester at the discretion of the instructor.

Tutoring & Project Assist:

If you are having difficulty with work in this class tutoring is available through the Center for Academic & Student Success. If you think that you might have a learning disability, contact Project Assist at 856.691.8600 x 1282 for information on assistance that can be provided to eligible students.

**Before Withdrawing From This Course:**

If a student experiences adverse circumstances while enrolled in this course and considers withdrawing, s/he should see an advisor (division or advisement center) BEFORE withdrawing from the class. A withdrawal may cause harmful repercussions to completion rate standards and overall GPA which can limit or eliminate future financial aid in addition to causing academic suspension.