COURSE TITLE: Introduction to Anatomy and Physiology
COURSE NUMBER: APHY 067
PREREQUISITES/COREQUISITES: Demonstrated competency through appropriate assessment or earning a grade of “C” or better in ENGL 031, Reading Strategies for College I or ENGL 083 Reading Strategies for College and MATH 015, Fundamentals of Algebra I.
DEPARTMENT: Academic Skills Advancement
CREDIT HOURS: 3
CONTACT HOURS: Lecture: 2 Lab: 2
DATE OF REVISION: Fall, 2012
EFFECTIVE DATE OF THIS REVISION: Fall, 2013

CATALOG DESCRIPTION: Introduces basic concepts and terminology used in Anatomy and Physiology. Prepares entering students who took no high school life science or took it several years ago for APHY 101 and APHY 102 (or APHY 203 and 204). Provides a general introduction to chemistry, cells, tissues, body systems, and basic physiological processes.

MAJOR COURSE LEARNING OBJECTIVES: Upon successful completion of this course the student, through lecture and laboratory activities, will be expected to:

1. Use and understand anatomical terminology.
2. Demonstrate basic knowledge of chemistry as it relates to the human body.
3. Describe the basic structure and function of cells.
4. Use a microscope.
5. Describe the 4 basic tissue types in the body.
6. Describe the primary functions of the following body systems: integumentary, skeletal, muscular, nervous, endocrine, digestive, respiratory, cardiovascular, lymphatic, and body defense (immune), urinary and reproductive.
7. Identify body organs, the body systems to which they belong, and their location within the body with emphasis on major bones and muscles of the body.
8. Describe simple physiological processes that occur in the body systems.

COURSE CONTENT: Topical areas of study include -

Anatomical terminology
Basic biochemistry
Cells
Tissues
Basic microscopy
Body systems
Bones and muscles
Body organs
Simple physiological processes
Lab techniques
HOW TO ACCESS THE IVY TECH COMMUNITY COLLEGE LIBRARY:

The Ivy Tech Library is available to students’ on- and off-campus, offering full text journals and books and other resources essential for course assignments. Go to http://www.ivytech.edu/library/ and choose the link for your campus.

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The College is committed to academic integrity in all its practices. The faculty value intellectual integrity and a high standard of academic conduct. Activities that violate academic integrity undermine the quality and diminish the value of educational achievement.

Cheating on papers, tests or other academic works is a violation of College rules. No student shall engage in behavior that, in the judgment of the instructor of the class, may be construed as cheating. This may include, but is not limited to, plagiarism or other forms of academic dishonesty such as the acquisition without permission of tests or other academic materials and/or distribution of these materials and other academic work. This includes students who aid and abet as well as those who attempt such behavior.

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