BRUNSWICK COMMUNITY COLLEGE

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COURSE SYLLABUS

COURSE: BIO 163 BASIC ANATOMY & PHYSIOLOGY

HOURS: Lecture: 4 Lab: 2 Shop/Clinical: 0 Credits: 5

COURSE DESCRIPTION:

This course provides a basic study of the structure and function of the human body. Topics include a basic study of the body systems as well as an introduction to homeostasis, cells, tissues, nutrition, acid-base balance, and electrolytes. Upon completion, students should be able to demonstrate a basic understanding of the fundamental principles of anatomy and physiology and their interrelationships. *This course has been approved to satisfy the Comprehensive Articulation Agreement for transferability as a pre-major and /or elective course requirement.*

PREREQUISITE(S): ENG 085

COREQUISITE(S): None

TEXTBOOK(S) & OTHER SPECIAL REQUIREMENTS:

TEXT:
Marieb, Elaine N. *Essentials of Human Anatomy and Physiology (*paperback text*), 10th Edition*. San Francisco: Pearson, 2012. Print.
ISBN 978-0321695987
Readability Level: 12

LAB MANUAL:
Marieb, Elaine N*. Essentials of Human Anatomy and Physiology Laboratory Manual, 5th Edition.* San Francisco: Pearson, 2012. Print.
ISBN# 978-0321750013
Readability Level: 12

STUDENT LEARNING OUTCOMES:

Upon successful completion of this course, the student will be able to:
1. Identify the levels of organization of the human body.
2. Name the various regions and parts of the human body.

3. Discuss basic chemistry skills regarding cell and tissue functions.
4. Describe the use of enzymes and how reactions relate to the homeostatic conditions.
5. Differentiate between the basic concepts in conditions, structure, functions and chemical effects on the 11 human organ systems.
6. Develop the necessary skills required for successful laboratory activities and apply these skills during laboratory period.
7. Discuss homeostasis of the total organism, its effects, and maintenance by the human organ systems.

SYLLABUS INFORMATION:

The Student Learning Outcomes listed in this syllabus are those required actions that a student who successfully completes the course must be able to perform. The educational experience, however, is a two-way, interactive process involving both the student and the instructor. The student must play an active role in the learning process in order to be successful. Instructors will provide an Instructor's Syllabus at the first class meeting explaining how they measure each of the Student Learning Outcomes. A student who is unable to accomplish the outcomes will not receive a passing grade in the course.

The information in this BCC Syllabus may not be accurate beyond the current semester. Textbooks and other course materials are subject to change. Students should verify the textbooks at the first class meeting with their instructor prior to purchasing.

GRADING SYSTEM:

Brunswick Community College employs a system of letter grades and corresponding quality points per grade to evaluate a student's performance in meeting the stated goals and objectives for each course. The grading system is published in the BCC Catalog and BCC Student Handbook.

ATTENDANCE POLICY:

Each student has individual responsibility for attending class regularly and for meeting course objectives. A student is expected to attend all class meetings in a course. Rules on tardiness and leaving class early are addressed in each instructor's syllabus. Instructors are required to record absences and report excessive absenteeism to the Registrar.

If a student is absent for any reason in excess of 20 percent of the class hours, he or she is in violation of the Brunswick Community College attendance policy. Unless the student officially withdraws from the course prior to the 65 percent point of the 16 week semester (or equivalent days for courses of other duration), he or she may receive a grade of "F."

Students who receive an "EXCESSIVE ABSENTEEISM NOTICE" are advised to contact their instructors immediately to review the conditions for withdrawing from the course or for continuing the course.

STUDENTS WITH DISABILITIES:

Brunswick Community College complies with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act, which require that no qualified student with a disability be excluded from participation in or be denied the benefits of any services, programs or activities on the basis of his or her disability. If a student has a disability that is covered by the Americans with Disabilities Act and requires accommodations in the classroom and/or in extracurricular activities, the student must request the accommodations in writing and submit the request to the Disability Services Coordinator. Instructors will not provide accommodations without notification from the Disability Services Coordinator. Brunswick Community College will make every effort to provide reasonable accommodations.