SYLLABUS
Fall 2011

BIOL 2401:   Anatomy And Physiology (Hybrid Format)
Meeting Time: Tuesday 3:30 – 6:20 pm
Office Hours: Monday & Wednesday 12:30 pm – 1:50 pm
              Tuesday & Thursday 11:00 – 12:20 pm
Office: Alice Campus Room 213
Phone: 664-1492 Ext. 3049
E-mail: recowart@coastalbend.edu

Instructor:   Dr. Richard E. Cowart
Semester Hours:   4

Textbook:     Seeley’s Anatomy & Physiology (9th edition)
              Authors: VanPutte, Regan, Russo

Lab Manual:   Seeley’s Anatomy & Physiology Laboratory Manual (9th edition)
              Authors: Eric Wise (VanPutte, Regan, Russo)

Course Website: CBC Blackboard

Course Outline:
Surveys the structure and function of the human body including biochemical cell structure and function, histology and organ systems ( integumentary, skeletal, muscular, nervous, digestive, cardiovascular, lymphatic, immune, respiratory, endocrine, excretory and genital). Embryology and principles of heredity and genetic anomalies. Recommended for health science and pre-professional and health sciences majors.

Prerequisite:
High school Biology II Honors; or Biology 1408 or 1413; or acceptance into Health Information Technology or Dental Hygiene Program. A chemistry course is highly recommended.

Course Objectives:
The student will learn the basic architectural plan of the human body and will be able to relate to the structure of the various organs and systems to their respective functions.

The student will learn a significant portion of biochemistry as it relates to the functioning specific cell types, tissues, organs, and organ systems.

The student will learn the basic facts of human development and heredity.

Special effort will be made to ensure that the student will be able to apply his/her knowledge of the normal functioning of the body to situations in which abnormalities or disorders occur.
**Instructional Procedures:**
Blackboard lecture materials (PowerPoint, Studyguides)
Online Supplements and Assignments via CBC Blackboard
Videos
Laboratory study
Handouts

**Grading System:**
Grades will be assigned using the following scale:
A…………..90 +
B…………..80 – 89
C…………..70 – 79
D…………..60 – 69
F…………..Below 60 %
NOTE: The lowest exam grade will be replaced with the final exam grade. Student will be exempt from the final if each major exam grade is equal to or greater than a score of 90%.

**Source of Grades**
Major exams (4)…..65%
Lab Average……...25%
Online Quiz………10%
Laboratory average derived from selected worksheets, lab practicals, and final lab exam.

**Miscellaneous:**
There will be no assignments given for extra credit.

Absences must be for a good reason. Excessive absences will result in student being dropped from the course in accordance with CBC absentee policy. Student will be dropped after the fourth absence.

Students must be prompt to class at the beginning and upon returning from breaks.

Hats must be removed on entering the classroom.

Cell phones and similar electronic devices must be switched off upon entering the classroom. The use of any non-approved electronic device may result in the removal of the student from the class for that day and the student will be counted absent. Texting during class or lab time is not tolerated.

Make up tests will not be given.

Plagiarism and/or cheating in class will result in automatic failure.

Students with special needs (as defined in the CBC student handbook) should inform the instructor of any special disabilities that would impede your performance in this class.
**Course Content for: Anatomy & Physiology (9th Edition) by VanPutte, Regan, Russo**

**PART 1 ORGANIZATION OF THE HUMAN BODY**

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<th>Review</th>
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<th>The Human Organism</th>
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<td>Review</td>
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Chapter 4  Histology: The Study of Tissues

**PART 2 SUPPORT & MOVEMENT**

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<td>Chapter 8</td>
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<td>Chapter 9</td>
<td>Muscular System: Histology &amp; Physiology</td>
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<td>Chapter 10</td>
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<td>Chapter 11</td>
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**Exam Schedule:**

Exam I: Chapters 1-3

Exam II: Chapters 4-6

Exam III: Chapters 7--10

Final Exam: Chapters 11-13