# 4/12/2021

# brcc keystone logo

Baton Rouge Community College

*Academic Affairs Master Syllabus*

Date Approved: 27 April 2021

Term and Year of Implementation: Fall 2021

**Course Title:** Anatomy and Physiology II Lab

**BRCC Course Rubric:** BIOL 2221

**Previous Course Rubric**:

**Lecture Hours per week-Lab Hours per week-Credit Hours**: 0-3-1

**Per semester: Lecture Hours-Lab Hours-Instructional Contact Hours**: 0-45-45

**Louisiana Common Course Number:** CBIO 2221

**CIP Code:** 26.0403

**Course Description:** Introduces the structure and function of the following human organ systems: endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. Investigations include dissection of mammalian organ systems, use of three-dimensional models and experiments. Designed to supplement Anatomy and Physiology II. This course requires a lab fee.

**Prerequisites:**  BIOL 2213 and BIOL 2211 (or BIOL 2214 or BIOL 230) with grade of ‘C’ or better

**Co-requisites:** None

**Suggested Enrollment Cap:** 28

**Learning Outcomes.** *Upon successful completion of this course, the students will be able to:*

1. Identify the structure and function of the cells, tissues, and organs of the covered organ systems.

2. Describe how each organ system functions to maintain homeostasis within the organism.

3. Define terminology associated with the field of anatomy and physiology and the covered organ systems.

4. Apply basic anatomy and physiology concepts to complete laboratory experiments and activities for the covered organ systems.

**Assessment Measures.** Assessment of all learning outcomes will be measured using the following methods:

1. Administration of unit exams/practicals.

2. Instructor-designed assignments including, but not limited to, written and oral assignments, data collection and interpretation, histology exercises and gross anatomy drawings, notes on videos viewed in class, online exercises, laboratory reports, projects, and quizzes on lecture and lab activities. All assignments will be graded using an instructor-designed rubric.

**Information to be included on the Instructor’s Course Syllabi:**

* ***Disability Statement*:** Baton Rouge Community College seeks to meet the needs of its students in many ways. See the Office of Disability Services to receive suggestions for disability statements that should be included in each syllabus.
* ***Grading:*** The College grading policy should be included in the course syllabus. Any special practices should also go here. This should include the instructor’s and/or the department’s policy for make-up work. For example in a speech course, “Speeches not given on due date will receive no grade higher than a sixty” or “Make-up work will not be accepted after the last day of class”.
* ***Attendance Policy*:** Include the overall attendance policy of the college. Instructors may want to add additional information in individual syllabi to meet the needs of their courses.
* ***General Policies*:** Instructors’ policy on the use of things such as beepers and cell phones and/or hand held programmable calculators should be covered in this section.
* ***Cheating and Plagiarism*:** This must be included in all syllabi and should include the penalties for incidents in a given class. Students should have a clear idea of what constitutes cheating in a given course.
* ***Safety Concerns:*** In some courses, this may be a major issue. For example, “No student will be allowed in the lab without safety glasses”. General statements such as, “Items that may be harmful to one’s self or others should not be brought to class”.
* ***Library/ Learning Resources:*** Since the development of the total person is part of our mission, assignments in the library and/or the Learning Resources Center should be included to assist students in enhancing skills and in using resources. Students should be encouraged to use the library for reading enjoyment as part of lifelong learning.

**Expanded Course Outline:**

I. Transport

A. Blood

B. The Cardiovascular System: The Heart

C. The Cardiovascular System: The Blood Vessels

D. The Lymphatic and Immune Systems

II. Absorption and Excretion

A. The Digestive System & the Metabolism of Energy-Yielding Nutrients

B. The Respiratory System

C. The Urinary System

D. Water, Electrolyte, and Acid-Base Balance

III. The Human Life Cycle: Continuity

A. Reproductive Systems

B. Pregnancy, Growth, and Development

IV. The Endocrine System