

PALM BEACH COMMUNITY COLLEGE
Course Outline

Course Number and Title

BSC 2086L Anatomy and Physiology Laboratory

Catalog Description

An introduction to the structure and functions of the human body. Topics cover histology and study of Digestive, Cardiovascular, Respiratory, Urinary, and Reproductive System.

Credit/Contact Hours

1 credit (3 lab hours)

Transferability

Prerequisites

BSC 2085, BSC 2085L

Co-requisites

(BSC 2086):

This laboratory accompanies Anatomy and Physiology Lecture (BSC 2086)

Textbook and/or Bibliography

Privacky, Nikki. 1999 "Anatomy and Physiology Laboratory Manual 3rd Edition" Burgess Publishing, ISBN# 0-8087-7496-4

Course Core Objectives

To distinguish, identify, learn the location and function of the following; the different body organs, digestive, cardiovascular, respiratory, urinary, and reproductive.

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- Introduction to the human body organs location using a plastic model measured by a visual
- Digestive cadaver parts will be used to study the entire digestive tube. Students will be able to dissect the cat and correlate the human cadaver parts with the cat to better understand the function of the digestive system.
- Human, Sheep, and Cows heart will be used to understand the workings of the human heart. Identification of blood vessel (veins and Arteries), will be done using a dissected cat. Students will perform the dissection under the supervision of the instructor.
- Respiratory human cadaver parts will be used to study the entire respiratory tube. Students will be able to dissect the cat and correlate the human cadaver parts with the cat to better understand the function of the respiratory system.
- Urinary human cadaver parts will be used to study from. Students will be able to dissect the cat and correlate the human cadaver parts with the cat to better understand the function of the urinary system.
- The male and female reproductive cadaver parts will be used to better have an understanding of the functions of reproduction. There are several plastic models, and glass encased models

that will be used to determine the ovulatory cycle, and sperm production. There are several fetal develop models and cadavers that will be used to understand fetal development.

Assessment method(s):

Two major practical exams (Midterm and Final) will be given to test student’s ability to identify the above mentioned. Two major quizzes will be given to test student’s to test their ability about the function of the above mentioned.

Disability Support Services

Each student will, to the satisfaction of the instructor, demonstrate a fundamental understanding of basic computer operations through various instructor-determined exercises and/or assignments.

Students with disabilities are advised, in compliance with federal and state laws, that accommodations and services are available through the office of Disability Support Services (DSS). It is the student’s responsibility to contact Disabled Student Services Advisors at this location and to submit appropriate documentation prior to receiving services.

Disability Support Services		
College-Wide Coordinator	Susan Lang	439-8382
Belle Glade	Ken Ray	992-6162
Boca Raton	Nilsa Martinez	367-4582
Palm Beach Gardens	Joanna Steffes	625-2428

Special Requirements

Lab fees of \$22.50, Used to supplement the cost for materials used through the semester.

Created xx-xx-xx