

Master Syllabus

BIO 1222 - Human Anatomy & Physiology II

Division: Science, Mathematics and Engineering

Department: Biology

Credit Hour Total: 3.0

Lecture Hrs: 2.0 **Lab Hrs:** 2.0

Prerequisite(s): BIO 1121

Date Revised: June 2014

Course Description:

The second course in a two-semester sequence studying the structure and function of the human body. Topics include the cardiovascular system, the lymphoid system, immunity, the digestive system, the urinary system and the reproductive system. Two classroom, two lab hours per week.

General Education Outcomes:

- ▣ Written Communication
- ▣ Critical Thinking/Problem Solving
- ▣ Values/Citizenship/Community
- ▣ Computer Literacy
- ▣ Information Literacy

Course Outcomes:

Homeostatic mechanisms and organ system interdependence

Comprehend and analyze interactions between organs and organ systems involved in homeostatic mechanisms and how these processes interrelate to maintain the life of the human body.

Assessment Method: Locally developed exams

Performance Criteria: Accumulate a minimum total of 60% of all the available points in the course (Lecture exams, Quizzes, and Lab Tests)

Continued Anatomical Competence

Survey and identify anatomical characteristics of the following organs system: integumentary, skeletal, muscular, nervous and endocrine.

Assessment Method: Locally developed exams

Performance Criteria: Accumulate a minimum total of 60% of all the available points in the course (Lecture exams, Quizzes, and Lab Tests)

Physiological Competence

Understanding of basic physiological processes of the organ systems studied in this course.

Assessment Method: Locally developed exams

Performance Criteria: Accumulate a minimum total of 60% of all the available points in the course (Lecture exams, Quizzes, and Lab Tests)

Outline:

BloodThe heartBlood vesselsThe lymphatic systemThe respiratory systemThe digestive systemThe urinary systemThe reproductive system