

## **Anatomy & Physiology I Course Syllabus**

### **GENERAL COURSE INFORMATION:**

**Course Title: Anatomy & Physiology I**  
**Trimester Credit Hours: 4**  
**Course Director: Dr. J. Michael Perryman**  
**Email Address: mperryman@parkercc.edu**  
**Phone number: 972-438-6932 ext. 7329**

**Course Number: BIOL-2401A**  
**Total Contact Hours Per Semester: 90**  
**Class meeting time:**  
**M/W 9:00-12:50 LabA1 /Lec2/ LabB1**  
**Fri 9:00-4:50 LabA2 / Lec 4 / LabB2**  
**Lab Hours Per Week: 4**  
**Lab Contact Hours/Semester: 30**

### **COURSE DESCRIPTION:**

This course is designed for students pursuing a major/minor in Anatomy and/or other related disciplines. All outcomes (objectives) of this course are intended to provide a measurable and/or observable means to evaluate the student's proficiency in the given topics to be discussed throughout the duration of this course. All objectives will directly relate to the curriculum committee approved content for each course. Topics to be covered include cell structure and function, tissues, organization of the human body, and the following organ systems: integument, skeletal, muscular, and nervous. Emphasis is on homeostasis. The course consists of 8 lecture/ 4 lab hours per week.

### **LEARNING OBJECTIVES:**

All outcomes (objectives) of this course are intended to provide a measurable and/or observable means to evaluate the student's proficiency in the given topics to be discussed throughout the duration of this course. All objectives will directly relate to the curriculum committee approved content for each course.

After successfully completing A&P I the student be able to define or discuss, either orally or in writing, the following topics:

1. fields of biology
2. biochemical/physiochemical relationships as they relate to organs and organ systems
3. general body structure
4. general body structure
5. cell/tissue structure & function
6. cell replication ,DNA/RNA, & genetics
7. identity of selected tissues, bones, & muscles
8. skeletal physiology and organ system
9. muscular system & physiology
10. central/peripheral nervous system

### **GENERAL APPROACH TO TEACHING:**

**PREREQUISITES:** Enrolled in Parker College Undergraduate program

**REQUIRED TEXTBOOKS:**

Anatomy and Physiology for the Manual Therapies, Kuntzman & Tortora, 1<sup>st</sup> edition, 2010, Wiley & Sons.

Atlas of Human Anatomy, Netter, 4<sup>th</sup> edition, 2006. Saunders.

**EVALUATION AND GRADING POLICY:** Grading system

Evaluation is an integral part of the educational process and is used as an educational tool identify problem areas, to recognize and reward achievement, and to identify students who are unable to meet the rigors of the curriculum. Final course grades and their interpretation are listed below:

Grade	Numerical Value	Grade Point Average	Interpretation of Academic Achievement
A	89.5 - 100	4.0	Excellent
B	79.5 – 89.4	3.0	Above Average
C	69.5 – 79.4	2.0	Satisfactory
F	Below 69.5	0.0	Unacceptable

**EVALUATION:**

The student will be evaluated during the course as follows:

Four(4) unit exams @ 15% each : 60%  
Two(2) lab practicals @ 15% each : 30%  
Lecture/Lab Quizzes : 10%  
100%

All lecture tests in the Anatomy & Physiology I course cover subject matter based on the specific unit of material as scheduled on the course calendar. It is also expected that the student is competent in material covered in previous lectures that are considered relevant to the subject material being discussed during each unit for this course.

Therefore, where appropriate, material from those lectures may also appear on the test.

### **Pop Quizzes**

Quizzes can be given at anytime during any class period. Quizzes given during each unit of material will represent extra points added the exam given over the current unit of material(i.e.**3 quizzes-3 points**)Quizzes range from 5-10 questions. **No make-up quizzes**

### **LECTURE EXAM REVIEW**

The review period for each exam will begin after the posting of the grades and last for (5) working days only. (Excluding Weekends and holidays) Questions concerning the final exam and or final course grades must be reviewed with the Course Directory by 3PM on the third day of the new trimester.

### **A complete listing of all common academic policies is found on the Parker Website:**

[www.parkercc.edu](http://www.parkercc.edu)

(My Parker, Academics home Page, College catalog, Policies common to all Parker Courses (Spring 2010)

Examinations (Make up Exams/Lab Practicals & Altering Grades on Exams/Exam Review)

Missed Exam Policy

Final Examinations

Grading System

Academic Promotion, Probation and Dismissal Policy

Appeals

Classroom Behavior

Professional Decorum

Academic Dishonesty

Attendance Policy

Absences for Religious Holidays

Student Bereavement Policy

Assistance and Accommodations

Excused Absences

Computer Usage

Cell Phones and Electronic Devices in Class

Audio/Video Taping

Communications

Special Needs Consideration

### **Estimate of Student Workload**

### **IMPORTANT NOTE:**

The provisions contained in this syllabus do not constitute a binding contract between the student and the Parker College of Chiropractic. These provisions may be changed at any time and for any reason at the discretion of the Course Director. When it is necessary to

make changes to this document, appropriate notice (at least one week, if possible) will be given to the student(s).