

## **Course Description** **Physiology 101 (Spring 2015)**

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### **Course Learning Outcomes:**

Students successfully completing PHYSO 101 will be able to:

- describe how the body protects itself using immunity and barriers.
- demonstrate how the body, from cells to systems, uses nutrients and gases and releases waste products. This actually involves cell respiration, digestive system, respiratory system, urinary system, and the CV system.
- explain how cells communicate with one another via the endocrine and nervous systems.
- demonstrate how body movement is produced and muscle mechanics.
- describe how reproduction occurs from cellular reproduction to maintenance of the species.
- apply the scientific method to solving problems.

### **Materials:**

**Required:** **Principles of Human Physiology** by Cindy L. Stanfield, 5th edition.

**Recommended:** **Interactive Physiology 10-System Suite, 4/E**

### **Computer Skills/Internet Access:**

All students are expected to have adequate computer skills to access resources made available online. It is advisable to have a fast internet connection at home or at some other convenient location.

### **Grading:**

Grades will be based on homework assignments (online), exams (in class), labs and quizzes (in class) and an online final exam. The grade distribution will be as follows:

- A:** 90 - 100%
- B:** 80 - 89%
- C:** 70 - 79%
- D:** 60 - 69%
- F:** 0 - 59%



**Quizzes:**

Quizzes will be given at the end or near the end of the laboratory session. The material covered will include lecture/reading assignments and/or the laboratory exercises for that day. Each quiz will be will count for 50 points of the total points for the course. I will only count the 10 highest scores.

**Points:**

<b>Labs</b>	<b>70 points</b>
<b>Quizzes</b>	<b>50 points</b>
<b>Exams (4 X 100)</b>	<b>400 points</b>
<b>Final Exam</b>	<b>150 points</b>
<b>Total</b>	<b>670 points</b>

**This point total represents an approximation.** Unforeseen contingencies may result in an alteration of the total. Any alteration of this total will be announced on Blackboard and in class.

**Electronic Devices:**

As stated in the catalogue, the use of any electronic devices (laptops, cell phones, I pods, etc.) during class, without prior permission by the instructor, is prohibited.

**Academic Dishonesty Policy:**

There is an expectation that all students will display the utmost academic integrity. This means that students will do their own work and will employ only their own knowledge and skills on assignments and exams.

Violations of academic integrity include but are not limited to:

- Using unauthorized electronic devices during an exam
- Copying another students work on the exam
- Assisting another student during an exam verbally or otherwise
- Using unauthorized notes during exam

Penalties for violation of academic honesty include:

- The requirement that the assignment or exam be repeated. (This will only be allowed if there are mitigating circumstances.)
- The assignment of a grade of zero for the exam or assignment.
- The assignment of a course grade of "F" in instances where the violation is severe or repeated.

**Class Deportment:**

All students are expected to contribute to a positive learning experience by not constantly talking to your neighbors during discussions; cooperating with your lab partners in setting up and cleaning up after laboratory exercises; and showing a respect toward your peers and the instructor. Any lapse in proper deportment will result in a deduction from participation points. I reserve the right to deduct participation points retroactively in the event of a severe infraction.

**Attendance:**

Students not attending two consecutive classes may be dropped from the course unless I am notified. However, if you plan to drop the class it is your responsibility to make the drop official.