

# Exercise Physiology Final Exam

Create An Exercise Physiology Story (Directions Below)

Due Wednesday, December 9 (by Midnight)

EMAIL to Dr. Kravitz at: lkravitz@unm.edu

10 pts total of Total Grade

No late papers accepted after deadline! Yes, you can submit earlier!  
Papers must be typed and double-spaced.

**Do your own Work! This is not a group project!**

**PUT YOUR NAME ON THIS PROJECT AND GIVE IT A TITLE**

Create an "Exercise Physiology Story" including the **TERMS** listed below and **DEFINITIONS** of each term. **HIGHLIGHT THE TERM AND DEFINITION** with a color or 'bold it' in your text. Here are the terms you must include in your story: sarcoplasm, axon, mitochondria, sarcomere, myosin, homeostasis, ATP, troponin, calorimetry, ventilation, glycolysis, hypertrophy, neurotransmitter, cytochrome, lactate, phosphocreatine, enzyme, oxidation, anabolism, calcium, metabolism, respiration, actin, exergonic, hemoglobin, myoglobin, depolarization, hematocrit, PFK, systole, electrolyte, hyperthermia, acidosis, and thermoregulation.

**There is NO set length in words, as I want you to include all of the terms and DEFINITIONS in a story structure that makes sense and has continuity. You can include all of the terms in ANY order you wish.**

*Below is an EXAMPLE of the beginning of this story for you to see what I am expecting.*

Title: Dr. Kravitz's Exercise Physiology Tale by Len Kravitz, PhD

This is the story of a young exercise science scholar who was interested in learning about the body.

Early one morning this student was reading a newspaper and came across the word **sarcoplasm**, the **cytoplasm of muscles cells**. After reading about this amazing viscous fluid in muscle, he came across the name of a fascinating protein, known as **troponin**. It appears that troponin is actually a complex of three proteins that are quite integral in muscle contraction.... AND THE STORY

CONTINUES...get the idea!

*Your grade is determined on the completeness in following directions, the accuracy of term use, and your creativity, originality, inventiveness and technical writing of your Exercise Physiology Story.*

**NOTE: If you finish your exam early you are welcome to email it to Dr. Kravitz early!**