

# ***Biology 465 Syllabus:***

## ***Physiology Spring 2018***

**Instructor** Dr. Ronald D. Fell  
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**Phone** 852-6771  
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**Office Hours** Before or After Lecture or email me for a specific time

**Meeting Location & Times:** Life Sciences 101, T,R, 4:00-5:15 PM

**Prerequisites:** Cellular & Molecular Biology 329, Genetics 330 highly recommended

**Textbook:** Human Physiology, Stuart Ira Fox, 14th edition, McGraw-Hill, 2016

Suggestion: Purchase the McGraw-Hill Connect license direct from McGraw-Hill. It comes with an electronic copy of the textbook and if you want a hard copy you can purchase a loose-leaf binder of the text at a significantly reduced price from the hard-bound version.

Note: If an older edition of the text is used, you will need to purchase McGraw-Hill Connect separately.

**Additional Requirement:** Student louisville.edu email access required and web access

**Class Format:** Lecture, Discussion

**Learning Goals and Objectives:** Students will develop an understanding of major physiological principles through an in-depth discussion of major organ systems. An appreciation of the relationships between anatomy and physiology will be developed. Through the practice of applying sound intellectual standards (**Accuracy, Clarity, Relevance, Logical, Sufficiency, Precision, Depth, Significance, Fairness, Breadth**) to the elements of thought (**Reasoning**), students will be able to refine and expand their critical thinking skills. Physiology is a highly integrated discipline that allows the perfect opportunity to develop the characteristics of a Well-Cultivated Critical Thinker who is able to:

- Raise vital questions and problems, formulating them clearly and precisely
- Gather and assess relevant information, using abstract ideas to interpret it effectively
- Come to well-reasoned conclusions and solutions, testing them against relevant criteria and standards;
- Think open-mindedly within alternative systems of thought, recognizing and assessing, as need be, their assumptions, implications, and practical consequences; and
- Communicate effectively with others in figuring out solutions to complex problems

**Grading:** Grades will be determined on the basis of total accumulated points from exams, quizzes and homework assignments. The grades will be based on a 90, 80, 70, 60% scale. This scale may be adjusted down but will never be adjusted up. In other words, if you accumulate 90% of the total points for the course you are assured an A in this course. The final scale will not be known exactly until all of the points have been accumulated after the final exam, however a scale will be indicated following each exam.

**Exams:** There will be two lecture exams (approximately 250 pts ea) and a final (approximately 400 pts). All exams will be cumulative. In the unfortunate event you must miss an exam, you must notify the instructor **prior to missing** that exam and provide a sufficient University accepted reason for missing the exam. Under **no** circumstances will a make-up exam be given unless prior notification has been given. For exams 1 and 2, you may submit a written rebuttal to any exam questions you wish. You may have read a recent research article, or gotten information from a different textbook source, etc., and I will gladly consider this information in the grading of the exams. Rebuttals will take the form of submitting a written argument why you feel your answer is just as correct as the one keyed as the correct answer and these rebuttals must contain your reference source. Email submission of any rebuttals is preferred. There will be no rebuttals for the final examination.

**Quizzes and Assignments:** There will be announced and unannounced quizzes and homework assignments from time to time given in class or via the class web-board. There will be no makeups for these if missed without prior notification.

**Review sessions:** Additional help sessions may be scheduled prior to the exams, however, if scheduled, these periods are not required and will only be arranged if enough students are interested. They will not be "squeeze the professor out of information about the exam" sessions.

**Instructor Philosophy:** Learn the Material! Do not attempt to learn only the material you expect will show up on an exam. I may vary my exam formats and this has proven to be disastrous to students that have only studied what they perceived (guessed) to be what I would cover on an exam. The best way of getting the highest grade possible in this course is to study all material on a regular basis and well in advance of each exam. I will give you (almost) unlimited help in your study of physiology, but you will receive no help the night before an exam. You must study prior to that time if you are to be successful in your mastery of physiology.

**Academic Dishonesty:** Academic dishonesty is prohibited at the University of Louisville. It is a serious offense because it diminishes the quality of scholarship, makes accurate evaluation of student progress impossible, and defrauds those in society who must ultimately depend upon the knowledge and integrity of the institution and its students and faculty. Academic dishonesty will not be tolerated. All students are encouraged to read the Section on Academic Dishonesty in the [Code of Student Rights and Responsibilities](#) of the University of Louisville as published in the Undergraduate Catalog. Collaboration on test and quizzes, whether in class or take home is strictly forbidden. I will, however, encourage you to work together in groups and to discuss any homework assignments and subject matter outside of class.

**Audit and Pass/Fail Requires Permission:** Permission of the instructor must be obtained to enroll for, or to change to, either Audit or Pass/Fail credit. It is college policy that no student will be allowed to change to Audit or Pass/Fail status unless the student is passing the course with a grade of D or better. If you are failing the course, withdraw from it. No request to change to Audit or Pass/Fail will be supported after the deadline date for such changes. Biology majors may not take any Biology course as an Audit or Pass/Fail.

**Disabilities:** The University of Louisville is committed to providing access to programs and services for qualified students with disabilities. If you are a student with a disability and require accommodation to participate and complete requirements for this class, notify me immediately and contact the Disability Resource Center (Stevenson Hall, Rm 119) for verification of eligibility and determination of specific accommodations. Students may contact the [Disabilities Resource Center](#) for information and auxiliary aid.

#### **Title IX/Clery Act Notification**

Sexual misconduct (including sexual harassment, sexual assault, and any other nonconsensual behavior of a sexual nature) and sex discrimination violate University policies. Students experiencing such behavior may obtain confidential support from the PEACC Program (852-2663), Counseling Center (852-6585), and Campus Health Services (852-6479). To report sexual misconduct or sex discrimination, contact the Dean of Students (852-5787) or University of Louisville Police (852-6111).

Disclosure to University faculty or instructors of sexual misconduct, domestic violence, dating violence, or sex discrimination occurring on campus, in a University-sponsored program, or involving a campus visitor or University student or employee (whether current or former) is not confidential under Title IX. Faculty and instructors must forward such reports, including names and circumstances, to the University's Title IX officer.

For more information, see the Sexual Misconduct Resource Guide (<http://louisville.edu/hr/employeerelations/sexual-misconduct-brochure>).