

SYLLABUS

Fall 2017

Instructor: Michael Burg, Ph.D.

Office: H&SS 1145LB

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Lecture Tue/thu 5pm-6:20PM YORK 2722

OFFICE HOURS: 3:45-4:45 HSS 1145C

Course Description: This is an introductory course that investigates the physiology of animals and plants with emphasis on functions of the human body. Prerequisite: BILD 1 or equivalent

Required Texts, Materials, and Web-Enhancement

- **No textbook required**, however, information from: Biology, 8th Edition (2008), Campbell and Reece and
:*Human Physiology: An Integrated Approach*, Silverthorn, 6th; will be used
- All powerpoint lectures and associated handouts are available on TED
- *Some additional readings will be provided via TED*
- All powerpoint lectures, associated handouts, and other relevant material are available on TED
- *Check for announcements on TED*
- *Instructional Assistants/Tutors: Names, sections, and contact information will be posted on TED*

Attendance, class ethics, and additional considerations

1. Attendance to class lectures and sections are **not required** but will ensure your success in the class.
 2. Exams will be based upon material in class, assigned science articles; Class attendance will be important for success.
 3. Please be respectful to your instructor and other classmates by making sure your cell phones are turned off and by **limiting conversations** within class.
- 1- **Academic dishonesty and plagiarism (the unauthorized or uncredited use of someone else's work) will result in a grade of "F" for the assignment. Its continued practice will be reported to the appropriate deans for possible disciplinary action and may result in an "F" for the course.**

Sections: Attendance Recommended: **5 bonus** points for attendance/participation of at least 7 sections

- An additional **5 bonus** points will be added for a greater than 80% Cape response rate
- An additional **5 bonus** points will be added for participation in anonymous survey on your overall conceptions on biology

Exams and assignments

1. There will be two exams (each worth 100pts) and a final exam (worth 120pts) on the material stipulated in the study sheets, text reading, supplementary readings and videos and lectures. **All exams count; You must take all exams during the scheduled times. A makeup exam may be granted with proper documentation of a hospitalization or death in the immediate family. I reserve the right to make this midterm an oral exam. There are no makeup final exams. Exams will include both multiple choice (using scantron) and short answer**
2. You must show a photo ID when turning in your exams.
3. Exams will not be returned and may not be photographed or copied. They can be reviewed in your IA section in the week after they are graded. If you and your instructional Assistant feel a regrade may be warranted, I will take up the matter. The exams may be compared to a scan on the original exam to ensure no changes have been made
4. In addition there will be several small writing assignments worth a total of around 90 pts
5. Grading will be based upon the scale indicated below. Letter grades will be assigned as follows:

GRADING

Your grade is based upon a percentage of the total points you accumulate during the semester.

A⁺ = 99% - 100% of the total possible points

A = 90% - 98% of the total possible points

B⁺ = 89% - 90% of the total possible points

B = 80% - 88% of the total possible points

C⁺ = 79% - 79% of the total possible points

C = 70% - 78% of the total possible points

D = 60% - 69% of the total possible points

F = Less than 60% of the total possible

Tentative Lecture Schedule

WEEK	Date	Lecture Topic	Campbell In Focus Chapter
1 Thu	9/28	Introduction, Homeostasis	40
2 Tue	10/3	Nervous system	37+ video
Thu	10/5	Nervous system: Drugs	37+ video
3 Tue	10/10	Nervous system: sensory	38+ video
Thu	10/12	Nervous system: sensory	38
4 Tue	10/17	Finish material; Review for exam	(Video worksheets due)30pts
thu	10/19	Exam 1 Nervous system	
5 Tue	10/24	Cardio/resp	34 + video
thu	10/26	Cardio/resp	34
6 Tue	10/31	Cardio/resp	34
thu	11/2	Immune system	35 + video
7 Tue	11/7	Immune system	35
thu	11/9	Finish material; Review for exam	(video worksheets and cardio assignment due)30pts
8 Tue	11/14	Exam 2 (8-10) cardio/resp/immune	
thu	11/16	Osmoregulation kidney	32.3-32.4
9 Tue	11/21	Osmoregulation kidney	32.3-32.4
thu	11/23	HOLIDAY	
10 Tue	11/28	Osmoregulation kidney	32.3-32.4
thu	11/30	Endocrinology	32.2
11 Tue	12/5	Endocrinology	32.2
thu	12/7	Finish material; Review for exam	Final project due30pts
Final Fr	12/15	FINAL EXAM 7PM-9:59PM	