

Reedley College - Spring 2011

Class: Biology 22 – Human Physiology - 57854 (5 Units)
Lecture - Monday & Wednesday 9:00am – 10:50am in LFS11
Laboratory - Friday 9:00am – 11:50pm in LFS11

This course provides a basic understanding and working knowledge of the human body with emphasis on the functions of each major system. The interrelationship between human systems and the relationship between structure and function of each system will be studied at several levels (biochemical, cellular, organ levels)

Subject Prerequisites: Biology 20 and Chemistry 1A or 3A. (A, CSU-GE, UC, I)

Text: Human Physiology (eleventh edition) by Stuart I. Fox McGraw Hill
Lab Manual: A Laboratory Guide to Human Physiology (thirteenth edition)
by Stuart I. Fox McGraw Hill

Instructor: Dr. B.J. Marquez
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Office: Life Science Room 13 **Phone:** 559-638-3641 ext. 3257
Office Hours: Monday 11:00am, Tuesday 2:00 pm, & Wednesday 3:00 pm or to arrange

Attendance:

You are required to attend **ALL** class sessions. There are NO excused absences except as defined in the Reedley College Catalog. If you are absent more than **FIVE** hours during the semester, you **MAY** be dropped from the class. If you are absent more than TEN hours, you **WILL** be dropped from class. If your ELEVENTH hour of absence occurs after the last day to drop, your final point total will be lowered by 25 points for each absence.

Tardiness: Three tardies equal one class absence.

Final Grade: *Determined on a basis of points accrued throughout the course.*

A = 90 - 100%	60%	- Seven (7) lecture exams: 100 points each
B = 80 - 89%	15%	- One (1) final exam: 150 points
C = 70 - 79%	20%	- Laboratory assignments: 200 points
D = 60 - 69%	5%	- Lecture & Laboratory participation : 50 points
F = 59% & lower		

NO FOOD OR DRINK ALLOWED IN ANY CLASSROOMS

NO EXTRA CREDIT

No children allowed in class at any time

No disruptive behavior

Tardy assignments count for only one-half credit or no credit.

"If you have special needs as addressed by the Americans with Disabilities (ADA) act including alternate media requests, please notify your course instructor immediately. Reasonable efforts will be made to accommodate your special needs."

**** I reserve the right to make changes in this syllabus with notification ****

****Tentative Schedule - subject to Change with Notification****

LECTURE CHAPTERS - SCHEDULE

LAB ASSIGNMENT SCHEDULE

	Monday	Wednesday	Friday	
WEEK 1	10-Jan 1 - Study of Body Function	12-Jan 2 - Chem Comp of Body	14-Jan Ex. 1.3 3 - Cell Struc & Gene Cont	
2	17-Jan MLK Holiday	19-Jan 4 - Enzymes & Energy	21-Jan Ex. 2.1, 2.4, & 2.5	EXAM DATES & SCORES 28-Jan 1
3	24-Jan 5 - Cell Resp & Metab	26-Jan 6 - Cells & Extracellular	28-Jan Ex. 2.6 Exam #1 (1 - 5)	
4	31-Jan 6 - Cells & Extracellular	2-Feb 7 - NS: Neurons & Synapse	4-Feb Ex. 3.1, 3.2, & video	
5	7-Feb 7 - NS: Neurons & Synapse	9-Feb	11-Feb Exam #2 (6 & 7)	11-Feb 2
6	14-Feb 8 - The CNS	16-Feb 9 - The ANS	18-Feb Lincoln holiday	
7	21-Feb Presidents' Day	23-Feb 10 - Sensory Phys	25-Feb Ex. 3.4 Ex. 3.5, 3.6, & 3.7	
8	28-Feb Exam #3 (8, 9, 10)	2-Mar 11 - Endocrine	4-Mar Ex. 4.1	28-Feb 3
9	7-Mar	9-Mar 12 - Muscles	11-Mar Ex. 5.1 & 5.2 *DROP DATE*	
10	14-Mar Exam #4 (11 - 12)	16-Mar 13 - Blood Heart & Circ.	18-Mar Ex. 6.1 & 6.3	14-Mar 4
11	21-Mar 14 - CO, BF & BP	23-Mar	25-Mar Ex. 7.2, 7.3, & 7.6	
12	28-Mar 16 - Respiratory Phys	30-Mar Exam #5 (13 - 14)	1-Apr Ex. 8.1 & 8.4	30-Mar 5
13	4-Apr	6-Apr 17 - Phys of the Kidneys	8-Apr Ex. 9.1 & 9.2	
14	11-Apr 18 - Digestive System	13-Apr Exam #6 (17 - 20)	15-Apr Ex. 10.2	13-Apr 6
	18-Apr Spring	20-Apr Break	22-Apr	
15	25-Apr 18 - Digestive System	27-Apr 19 - Reg of Metabolism	29-Apr Ex. 10.3	
16	2-May	4-May Exam #7 (18 - 19)	6-May 15 - The Immune System Video	4-May 7
17	9-May 20 - Reproduction	11-May	13-May Video	
	16-May Final Exam 9 - 10:50 am			16-May Final