



DEPARTMENT OF SCIENCE
COURSE OUTLINE – Winter 2011
PZ 1510 Elementary Physiology II

INSTRUCTOR: Dr. Sean Irwin, Ph.D. **PHONE:** 539-2860 (W); 567-2226 (H)

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OFFICE HOURS: Mon. and Fri. 10 - 11:20am
Tues. 1 – 2:20 pm

PREREQUISITES: PZ 1500

REQUIRED TEXT/RESOURCE MATERIALS:

Silverthorn D. U. (2010), Human Physiology: An Integrated Approach, Fifth Edition, Benjamin Cummings Publishing Company
ISBN 978-0-321-55980-7

DESCRIPTION: This is an introductory course in physiology for the health sciences.

It is available only to students in the Nursing program.

The content of this course follows the topics outlined in the scenarios presented in the second year of the CBL Nursing program. Some of the topics covered will require extra reading / study by the students.

CREDIT/CONTACT HOURS: 3 Credits (3-0-0) UT

DELIVERY MODE(S): Lectures – Tues. and Thurs. 8:30 – 9:50, Rm. J203

OBJECTIVES:

1. To gain a further understanding of the structure and function of the human body.
2. To gain an understanding of human physiology that will facilitate future work in the medical field.
3. To develop critical thinking skills with respect to the physiology of the human body.

TRANSFERABILITY: UA, UC, UL, AU, AF

EVALUATION:	Quiz I	15%	- In order to defer an exam due to illness you will require a medical note.
	Fall final exam	35%	
	Quiz II	15%	
	Winter final exam	<u>35%</u>	
	Total	100%	

STUDENT RESPONSIBILITIES: Attend all lectures.**STATEMENT ON PLAGIARISM AND CHEATING:**

Please refer to pages 48-49 of the College calendar regarding plagiarism, cheating and the resulting penalties.

GRADING CRITERIA:

Alpha Grade	Approximate Percentage
A+	90 – 100
A	85 – 89
A-	80 – 84
B+	76 – 79
B	73 – 75
B-	70 – 72
C+	67 – 69
C	64 – 66
C-	60 – 63
D+	55 – 59
D	50 – 54
F	0 – 49

Course Schedule – Winter 2011 YA2

Date	Topic	Reading
Jan. 6	The Cardiovascular System	Ch. 14: 478-504
Jan. 11	The Cardiovascular System	Ch. 15
Jan. 13	Neurons Review	Ch. 8: 249-272.
	Neural Integration	Ch. 8: 273-288.
Jan. 18	The CNS	Ch. 9
Jan. 20	The CNS	Ch. 9
Jan. 25	The CNS	Ch. 9
Jan. 27	Quiz 2	
Feb. 1	The GI tract	Ch. 21
Feb. 3	The GI tract	Ch. 21
Feb. 8	The GI tract	Ch. 21
Feb. 10	Cancer	
Feb. 15	Aging	
Feb. 17	Final Exam TBA	

Course Schedule – Winter 2011 YB2

Date	Topic	Reading
Mar. 1	The Cardiovascular System	Ch. 14: 478-504
Mar. 3	The Cardiovascular System	Ch. 15
Mar. 8	Neurons Review	Ch. 8: 249-272.
	Neural Integration	Ch. 8: 273-288.
Mar. 10	The CNS	Ch. 9
Mar. 15	The CNS	Ch. 9
Mar. 17	The CNS	Ch. 9
Mar. 22	Quiz 2	
Mar. 24	The GI tract	Ch. 21
Mar. 29	The GI tract	Ch. 21
Mar. 31	The GI tract	Ch. 21
Apr. 5	Cancer	
Apr. 7	Aging	
Apr. 12	Review	
	Final Exam TBA	