



**DEPARTMENT OF SCIENCE**  
**COURSE OUTLINE – Fall 2010**  
**PZ 1510 Elementary Physiology II**

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

**OFFICE:** J 221 **E-MAIL:** sirwin@gprc.ab.ca

**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. L 123

**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

<b>EVALUATION:</b>	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 – Fall 2010

Date	Topic	Reading
Sept 2	Introduction	
Sept 7	Bone and Muscle Tissue	Ch. 3;80-82, Ch. 12;407-420.
Sept 9	Reflexes	Ch. 13; 447-457.
Sept 14	Tissue and Bone Growth	Ch. 23; 771-777.
Sept. 16	Urinary System	Ch. 18
Sept. 21	Urinary System	Ch. 18
Sept. 24	Electrolyte Balance	Ch. 19
Sept. 28	Quiz 1	
Sept. 30	Electrolyte Balance	Ch. 19
Oct. 5	Reproduction and Development	Ch. 26
Oct. 7	Reproduction and Development	Ch. 26
Oct. 12	Reproduction and Development	Ch. 26
Oct. 14	Reproduction and Development	Ch. 26
Oct. 19	Review	
Oct. 21	Fall Final Exam	