

**GRANDE PRAIRIE REGIONAL COLLEGE**  
**PEAK: Department of Physical Education, Athletics & Kinesiology**

**PE 1000**  
**STRUCTURAL ANATOMY**  
**Course Outline: Fall 2004**

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**1. General Information**

**Instructor:** Ray Kardas  
**Office:** C418  
**Phone:** 539-2990  
**Class Time:** Tuesday from 1:30 – 2:20 p.m. in D308  
Wednesday & Fridays from 1:00 – 1:50 p.m. in D308  
L1 on Tuesdays from 11:30 a.m. – 1:30 p.m. in room J130  
L2 on Thursdays from 11:30 a.m. – 1:30 p.m. in room J130  
**E-Mail:** rkardas@gprc.ab.ca

**2. Calendar Description**

Introductory study of human anatomy. Students learn structural and functional components of selected systems of the human body.

**3. Course Objectives**

At the conclusion of the course the student will be able to:

1. Use and understand the anatomical terminology favored by professionals in the health related fields.
2. Describe the major characteristics of the various systems that comprise the human body.
3. Know the structural importance of anatomy to the functioning of the human body.

**4. Required Textbooks**

Johnston, Charlotte A. (1993). *Anatomy*. Springhouse: Springhouse Corporation.

Temertzoglon, T. and Challen, P. (2003). *Exercise science*. Toronto: TEP. (2003).

Temertzoglon, T. et al. (2003). *Exercise science: Student workbook/lab manual*. Toronto: TEP

Lab Notes/Diagrams

**NOTE 1:** Students are required to attend all lab sessions. Failure to do so will result in a reduction in your total lab mark/absence. Additionally, no make up lab tests will be given so if a student misses these tests, they will forfeit these potential marks. All the labs are from the texts and anatomy material provided. The appropriate material should be reviewed by the student prior to the scheduled lab, so that lab time can be used more effectively.

**5. Examination and Grading Scheme**

- |    |   |     |
|----|---|-----|
| 1. | There are two tests x 15%                               | 30% |
| 2. | Lab component. Tests and assignments                    | 40% |
| 3. | The final examination will be of a comprehensive nature | 30% |

**6. Course sequence for PE 1000 (Fall 2004)**

September 7 September 8	Week 1	Course and Intro to Human Body
September 14 September 15 September 17	Week 2	Microanatomy
September 21 September 22 September 24	Week 3	Integumentary System  Begin Skeletal System
September 28 September 29 October 1	Week 4	Skeletal System & Articulations
October 5 October 6 October 8	Week 5	Test #1 Begin Muscular System
October 12 October 13 October 15	Week 6	Muscular System
October 19 October 20 October 22	Week 7	Nervous System
October 26 October 27 October 29	Week 8	Endocrine System
November 2 November 3 November 5	Week 9	Circulatory System
November 9 November 10 November 11 November 12	Week 10	  Remembrance Day – No Classes Fall Break from Classes
November 16 November 17 November 19	Week 11	Test #2 Respiratory System
November 23 November 24 November 26	Week 12	Digestive System
November 30 December 1 December 3	Week 13	Urinary System
December 7 December 8	Week 14	Reproductive System

## PE1000 Grading System

<b>Letter Grade</b>	<b>Grade Point Value</b>	<b>Percentage Range</b>
A+	4.0	94 – 100
A	4.0	89 – 93
A-	3.7	85 – 88
B+	3.3	81 – 84
B	3.0	77 – 80
B-	2.7	72 – 76
C+	2.3	69 – 71
C	2.0	64 – 68
C-	1.7	60 – 63
D+	1.3	55 – 59
D	1.0	50 – 54
F	0.0	Below 50

# PE 1000 Lab Schedule – Fall 2004

## September

### **Week #1**

T – 7            Language of Anatomy  
R – 9            Examining the Human Torso

### **Week #2**

T – 14           The Microscope  
R – 16           Cell Anatomy and Division  
                     Classification of Tissue

### **Week #3**

T – 21           Classification of Body Membranes  
R – 23           Overview of the Skeleton

### **Week #4**

T – 28           The Axial Skeleton  
R – 30

## October

### **Week #5**

T – 5  
R – 7

### **Week #6**

T – 12           The Appendicular Skeleton  
R – 14

### **Week #7**

T – 19           \*\*\*Lab Midterm Test 15%  
R – 21

### **Week #8**

T – 26           Articulations and Body Movements  
R – 28

## November

### **Week #9**

T – 2            Microscopic Anatomy, Organization and classification of Skeletal Muscle  
R – 4            Gross Anatomy of the Muscular System (Upper Body)

### **Week #10**

No Labs

### **Week #11**

T – 16           Gross Anatomy of the Muscular System (Lower Body)  
R – 18

### **Week #12**

T – 23           Heart and Respiratory Systems  
R – 25

### **Week #13**

T – 30           Final Lab Tests  
R – Dec. 2