

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

**PE 1000**  
**STRUCTURAL ANATOMY**  
**Course Outline: Fall 2001**

SEP 18 2001

**1. General Information**

**Instructor:** Ray Kardas  
**Office:** C418  
**Phone:** 539-2990  
**Class Time:** Monday, Wednesdays & Fridays from 1:00 – 1:50 p.m. in B303  
L1 is Tuesdays from 12:30 – 2:20 p.m. in room J126  
L2 is Thursdays from 12:30 – 2:20 p.m. in room J126  
**E-Mail:** kardas@gprc.ab.ca

**Calendar Description**

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

**2. 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.

**3. Required Textbooks**

Behmke, R.S. (2001) Kinetic Anatomy. Champaign: Human Kinetics  
Kapit, W., and Elson, L.N. (2002). The Anatomy Coloring Book - 3<sup>rd</sup> Edition. San Francisco: Benjamin Cummings

**NOTE 1:** Students are required to attend all lab sessions. Failure to do so will result in a minimal 2% 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.

#### 4. Examination and Grading Scheme

1) There are five class tests (September 24, October 10, 22, November 19 and 30)	50%
2) Lab component. This aspect of the course will rely heavily on the Behmke text, details of which will be provided in the first class.	25%
3) The final examination will be of a comprehensive nature.	25%

Please read pg. 30-40 in the College Calendar on Regulation of Policies of Student Conduct

Marking Scheme: Marking is on a 9-point scale. The percent equivalencies for PE 1000 are as follows:

Cumulative Percentage	9 Point Scale
90-100	9
80-89	8
70-79	7
61-69	6
56-60	5
50-55	<b>Pass - 4</b>
40-49	3
30-39	2

## Tentative Course Outline

(\*) indicates the pages in the Kapit/Elson text

September 5	Introduction & Body Organization	pg. 1 – 7, 23
September 6	NO LAB	
September 7	Body Organization & Terminology	pg. 1 – 7, 23
September 10	Cellular Anatomy	pg. 8 – 9
September 11	Lab	
September 12	Cellular Anatomy	pg. 8 – 9
September 13	Lab	
September 14	Histology	pg. 10 – 17
September 18	Lab	
September 19	Integumentary System	pg. 18 – 19
September 20	Lab	
September 21	Skeletal System	pg. 20-22, 24-43
September 24	Test # 1	
September 25	Lab	
September 26	Skeletal System	pg. 20-22, 24-43
September 27	Lab	
September 28	Skeletal System	pg. 20-22, 24-43
October 1	Muscular System	pg. 44 – 49
October 2	Lab	
October 3	Muscular System	pg. 44 – 49
October 4	Lab	
October 5	Muscular System	pg. 44 – 49
October 8	Thanksgiving Day – NO CLASSES	
October 9	Lab	
October 10	Test # 2	
October 11	Lab	
October 12	Muscular System	pg. 44 – 49
October 15	Muscular System	pg. 44 – 49
October 16	Lab	
October 17	Muscular System	pg. 44 – 49
October 18	Lab	
October 19	Nervous System	pg. 70 - 100
October 22	Test # 3	
October 23	Lab	
October 24	The Nervous System/Special Senses	pg. 70 –100
October 25	The Nervous System/Special Senses	
October 26	The Nervous System/Special Senses	pg. 70 –100
October 29	The Nervous System/Special Senses	pg. 70 –100
October 30	Lab	

October 31	Endocrine System	pg. 151 - 156
November 1	Lab	
November 2	Endocrine System	pg. 151 - 156
November 5	Endocrine System	
November 6	Lab	
November 7	The Cardiovascular System	pg. 101 - 121
November 8	Lab	
November 9	Fall Semester Break - NO CLASSES	
November 12	The Cardiovascular System	pg. 101 - 121
November 13	Lab	
November 14	The Cardiovascular System	pg. 101 - 121
November 15	Lab	
November 16	The Cardiovascular System	pg. 101 - 121
November 19	Test # 4	
November 20	Lab	
November 21	The Respiratory System	pg. 129 - 135
November 22	Lab	
November 23	The Respiratory System	pg. 129 - 135
November 26	Digestive System	pg. 136 - 145
November 27	Lab	
November 28	Digestive System	pg. 136 - 145
November 29	Lab	
November 30	Test # 5	
December 3	Urinary System	pg. 146 - 150
December 4	LAB ASSIGNMENTS	
December 5	Urinary System	pg. 146 - 150
December 6	LAB ASSIGNMENTS	
December 7	Male/Female Reproductive System	pg. 157 - 160
December 10 - 19, 2001	FALL EXAMS	