



## DEPARTMENT OF PHYSICAL EDUCATION AND KINESIOLOGY

### COURSE OUTLINE – FALL 2014

#### PE1000 – STRUCTURAL ANATOMY 3 (3-0-2) UT 75 HRS.

**INSTRUCTOR:** Ray Kardas

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**OFFICE:** K214

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**OFFICE HOURS:** TBA

**PREREQUISITE(S)/COREQUISITE:** None

#### **REQUIRED TEXT/RESOURCE MATERIALS:**

Tortora, Gerard J. and Neilsen, Mrk T. (2014). Principles of Human Anatomy. 13<sup>th</sup> ed. USA: John Wiley and Sons, Inc.

Allen, C. and Harper, V. (2005) Laboratory Manual for Human Anatomy. USA. John Wiley and Sons, Inc.

#### **CALENDAR DESCRIPTION:**

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

#### **CREDIT/CONTACT HOURS:**

PE 1000 consists of two, eighty minute instructional sessions and one, two hour lab session/week.

Lectures: Wednesday and Friday, 1:00 p.m. – 2:20 p.m., Room D208

Lab 1: Tuesday 11:30 a.m. – 1:20 p.m., Room J107

Lab 2: Thursday, same time, same locations as Lab 1.

#### **DELIVERY MODE(S):**

The course work includes lectures, class discussions, group work, in-class exercises and online practice exercises.

**OBJECTIVES:**

1. Use and understand the anatomical terminology favoured 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.

**TRANSFERABILITY:**

**\*\* Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability**

<b>GRANDE PRAIRIE REGIONAL COLLEGE</b>			
<b>GRADING CONVERSION CHART</b>			
<b>Alpha Grade</b>	<b>4-point Equivalent</b>	<b>Percentage Guidelines</b>	<b>Designation</b>
<b>A<sup>+</sup></b>	<b>4.0</b>	<b>90 – 100</b>	<b>EXCELLENT</b>
<b>A</b>	<b>4.0</b>	<b>85 – 89</b>	
<b>A<sup>-</sup></b>	<b>3.7</b>	<b>80 – 84</b>	<b>FIRST CLASS STANDING</b>
<b>B<sup>+</sup></b>	<b>3.3</b>	<b>77 – 79</b>	
<b>B</b>	<b>3.0</b>	<b>73 – 76</b>	<b>GOOD</b>
<b>B<sup>-</sup></b>	<b>2.7</b>	<b>70 – 72</b>	
<b>C<sup>+</sup></b>	<b>2.3</b>	<b>67 – 69</b>	<b>SATISFACTORY</b>
<b>C</b>	<b>2.0</b>	<b>63 – 66</b>	
<b>C<sup>-</sup></b>	<b>1.7</b>	<b>60 – 62</b>	
<b>D<sup>+</sup></b>	<b>1.3</b>	<b>55 – 59</b>	<b>MINIMAL PASS</b>
<b>D</b>	<b>1.0</b>	<b>50 – 54</b>	
<b>F</b>	<b>0.0</b>	<b>0 – 49</b>	<b>FAIL</b>
<b>WF</b>	<b>0.0</b>	<b>0</b>	<b>FAIL, withdrawal after the deadline</b>

Note: There may be slight deviations from this system in the conversion of percentage grades to alpha grades depending on the grouping of marks within class.

## EVALUATIONS:

Class Content Evaluation	60%
Content Test: October 24	30%
Final Exam: TBD	30%

Lab Content Evaluation	40%
Mid-Term: week of Nov 10-14	20%
Final Lab Exam: week of Dec 1-5	20%

Students must be in attendance to complete the in-class lab assignments. Failure to do so will result in a 2% reduction in your lab mark.

Final Exam: Comprehensive components but the emphasis is on the latter part of the course.

## STUDENT RESPONSIBILITIES:

All assignments must be word-processed. It is particularly important to save a copy of any written work to be handed in for credit or grading.

**STATEMENT ON PLAGIARISM AND CHEATING:** Refer to the College Policy on Student Misconduct:

Plagiarism and Cheating at [https://www.gprc.ab.ca/files/forms\\_documents/Student\\_Misconduct.pdf](https://www.gprc.ab.ca/files/forms_documents/Student_Misconduct.pdf)

\*\*Note: all Academic and Administrative policies are available at <https://www.gprc.ab.ca/about/administration/policies/>

## STATEMENT ON CELL PHONE AND OTHER PERSONAL ELECTRONIC DEVICES:

Users of cell phones and other personal electronic devices must be attentive to the needs, sensibilities and rights of other members of the College community. The use of these devices must not disrupt the functions of the College overall and its classrooms and labs. Instructors have the right to have strict individual policies related to cell phones in order to provide and maintain a classroom environment that is conducive to learning and the respect of others.

## COURSE SCHEDULE/TENTATIVE TIMELINE:

<b>Friday, Sept. 5</b>	<b>Course Info and Chapter 1: Organization of the Human Body</b>
Tuesday, Sept. 9	<i>L1-1 – Introduction and Organization of Human Body</i>
<b>Wednesday, Sept. 10</b>	<b>Chapter 1: Organization of the Human Body</b>
Thursday, Sept. 11	<u>L2-1 – Introduction and Organization of Human Body</u>
<b>Friday, Sept 12</b>	<b>Chapters 3-5 Tissues/Integumentary</b>
Tuesday, Sept. 16	<i>L1-2 Tissues/Integumentary</i>
<b>Wednesday, Sept. 17</b>	<b>Chapter 6 Skeletal System</b>
Thursday, Sept. 18	<u>L2-2 Tissues/Integumentary</u>

**Friday, Sept. 19**

Tuesday, Sept. 23

**Wednesday, Sept. 24**

Thursday, Sept. 25

**Friday, Sept 26**

Tuesday, Sept 30

**Wednesday, Oct 1**

Thursday, Oct 2

**Friday, Oct 3**

Tuesday, Oct 7

**Wednesday, Oct 8**

Thursday, Oct 9

**Friday, Oct 10**

Tuesday, Oct 14

**Wednesday, Oct 15**

Thursday, October 16

**Friday, Oct 17**

Tuesday, October 21

**Wednesday, Oct 22**

Thursday, Oct 23

**Friday, Oct 24**

Tuesday, Oct 28

**Wednesday, Oct 29**

Thursday, Oct 30

**Friday, Oct 31**

Tuesday, Nov 4

**Wednesday, Nov 5**

Thursday, Nov 6

**Friday, Nov 7**

Tuesday, Nov 11

**Wednesday, Nov 12**

Thursday, Nov 13

**Friday, Nov 14**

Tuesday, Nov 18

**Wednesday, Nov 19**

Thursday, Nov 20

**Friday Nov 21**

## **Chapter 6 Skeletal System**

*L1-3 Skeletal System*

## **Chapter 7 – Skeletal System**

L2-3 Skeletal System

## **Chapter 8 – Skeletal System**

*L1-4 Joints*

## **Chapter 9 – Joints**

L2-4 – Joints

## **Chapter 9 – Joints**

*L1-5 – Muscular Tissue*

## **Chapter 10 Muscular System**

L2-5 – Muscular Tissue

## **Chapter 11 Muscular System**

*L1-6 – Muscular System*

## **Chapter 11 Muscular System**

L2-6 – Muscular System

## **Chapter 11 Muscular System**

*L1-7 – Muscular System*

## **Chapter 11 Muscular System**

L2-7 Muscular System

## **MID-TERM EXAM**

*L1-8 – Nervous System – Spinal Cord and Spinal Nerves*

## **Chapter 16 Nervous Tissue/Chapter 17 Spinal Cord and Nerves**

L2-8 – Nervous System – Spinal Cord and Spinal Nerves

## **Chapter 18 Brain and Cranial Nerves**

*L1-9 – Nervous System – Brain and Cranial Nerves*

## **Chapter 19 – ANS**

L2-9 – Nervous System – Brain and Cranial Nerves

## **Chapter 20 – Somatic Sensual Motor Control**

No lab

## **Chapter 20 – Somatic Sensual Motor Control**

TBA

## **Chapter 13 – Cardiovascular System**

*L1-10 – CV System – Heart and Circulation*

## **Chapter 14 – CV System – Vessels and Circulation**

L2-10 – CV System – Heart and Circulation

## **Chapter 14 continued/Chapter 15**

*Tuesday, Nov 25*

**Wednesday, Nov 26**

*Thursday, Nov 27*

**Friday, Nov 28**

*Tuesday, December 2*

**Wednesday, Dec. 3**

*Thursday, Dec. 4*

**Friday, Dec. 5**

*L1-11 – Respiratory System*

**Chapter 23 Respiratory System**

L2-11 – Respiratory System

**Chapter 24 Digestive System**

*L1-12 Digestive System*

**Chapter 25 Urinary System**

L2-12 Digestive System

**Final Exam Review**

FINAL EXAM WILL OCCUR DURING THE FINAL EXAM SCHEDULE (TBA).