



DEPARTMENT OF SCIENCE

COURSE OUTLINE – FALL 2014

NS 1050 - HUMAN ANATOMY

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. 10:00 - 11:20 am
Wed. 1:00 – 2:20 pm and Thurs. 1:00 – 2:20 pm

PREREQUISITE(S)/COREQUISITE: Biology 30 and Chemistry 30 or equivalents.

REQUIRED TEXT/RESOURCE MATERIALS:

Saladin, K.S. (2015), Anatomy and Physiology : The Unity of Form and Function, 7th ed., (or 6th ed. 2012) WCB / McGraw-Hill, Boston MA
ISBN 978-0-07-340371-7

CALENDAR DESCRIPTION:

This is an introductory course in anatomy for the health sciences. It gives students the opportunity to gain basic knowledge of human tissues, organs, systems and body structures, the related terminology and how these structures relate to function.

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

DELIVERY MODE(S): Lectures – Monday 1:00 – 2:20 pm, Rm. D208
Friday 8:30 – 9:50 am, Rm. A313

OBJECTIVES (OPTIONAL):

1. To gain a further understanding of the structure of the human body.

2. To gain an understanding of human anatomy that will facilitate future work in the medical field.
3. To develop critical thinking skills with respect to the anatomy 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

GRADING CRITERIA:

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

EVALUATIONS:

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

STUDENT RESPONSIBILITIES:

Students are responsible for the course material presented in lectures and assigned readings.

STATEMENT ON PLAGIARISM AND CHEATING:

Refer to the Student Conduct section of the College Admission Guide at https://www.gprc.ab.ca/files/forms_documents/Student_Misconduct.pdf or the College Policy on Student Misconduct: Plagiarism and Cheating at www.gprc.ab.ca/about/administration/policies/.

**Note: all Academic and Administrative policies are available on the same page.

COURSE SCHEDULE/TENTATIVE TIMELINE: Section YA1/B2

Week 1:

- Introduction
- Chemistry of Life; Ch. 2: 48 - 50; 59 - 69, Ch. 4:115 - 120.

Week 2:

- Anatomy of the Cell; Ch.3: 3.1, 3.2 and 3.4.
- Orientation to Human Anatomy; Atlas A
- Histology; Ch. 5: 5.2, 5.3 and 5.4, 170 - 171.
 - tissues, germ layers, membranes

Week 3:

- Skeletal System; Ch. 8: 8.1, 8.2 and 8.3.

Week 4:

- Skeletal System; Ch. 8: 8.4 and 8.5.
- Joints; Ch. 9: 9.1, 299 – 305.
 - The shoulder and knee joints

Week 5:

- Quiz I – Friday, Sept. 26th.
- Muscular System; Ch. 10: 10.1, 10.2 and 10.3.

Week 6:

- Muscular System; Ch. 10: 10.4 and 10.5.
- Regional and Surface Anatomy: Atlas B

Week 7:

- Integumentary System; Ch. 6: 6.1, 6.2 and 6.3.

Week 8:

- Midterm – Friday, Oct. 24th.