

**Grande Prairie Regional College
Department of Science and Technology**

**NS 1050 Anatomy – CBL 1st Year
Course Outline**

NS 1050 Anatomy 3(3-0-0)

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.

Textbook : Saladin, K.S. (2004), Anatomy and Physiology : The unity of form and Function, 3rd ed., WCB / McGraw-Hill, Boston MA
ISBN 0-07-242903-8

Resource Person : Dr. Sean Irwin
office - J223
phone - 539-2860 (w)
- 567-2226 (h)

Fixed Resource Session : Tuesday/Thursday 13:00 – 14:20
Friday 11:30 – 12:50

Evaluation:	Mid-term exam20%	In order to defer an exam due to illness you will require a medical note.
	Fall final exam35%	
	Quiz15%	
	Winter final exam.....30%	
	Total 100%	

Office Hours : Monday - 10:00 - 11:20 am
Wednesday - 11:20 - 12:50 pm
Friday -10:00 – 11:20 am
Also by appointment

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

Nursing 1050 - Anatomy Objectives Fall 2004

Week 1:

- Introduction
- Chemistry of Life; Ch. 2: 71 – 82, Ch. 4: 130 – 133.

Week 2:

- Anatomy of the Cell; Ch.3: 98 –105, 116 –124.
- Orientation to Human Anatomy; Atlas A
- Organization of the Human Body; Ch. 5: 158 – 177, 182.
 - tissues, germ layers, membranes

Week 3:

- Skeletal System; Ch. 8: 244 – 270.

Week 4:

- Skeletal System; Ch. 8: 271 – 285.
- Joints; Ch. 9: 294 – 299, 310 – 316
 - The humeroscapular and knee joints

Week 5:

- Muscular System; Ch. 10: 326 - 355.

Midterm I – Tues. Oct. 5 – 1 pm

Week 6:

- Muscular System; Ch. 10: 356 - 385, Atlas B

Week 7:

- The Spinal Chord and Spinal Nerves; Ch. 13:481-503.

Week 8:

- The Brain and Cranial Nerves; Ch. 14: 516 - 524 , 547 – 556.

Week 9:

- The Autonomic Nervous System; Ch. 15: 567 - 573.

Week 10:

- Circulatory System – Ch. 20: 748 – 753,766 - 792.

Fall Final Exam – Thurs. Nov. 4 – 1 pm

NS1050 Anatomy Objectives Winter 2005

Learning Package 1.2.1 – We're Expecting (2 weeks)

Anatomy of the Male Reproductive System : Chapter 27 pg. 1022-28

- meiosis and spermatogenesis

Anatomy of the Female Reproductive System : Chapter 28 pg. 1047-53

- oogenesis

Human Development : Chapter 29 pg. 1086 – 1089

- pre-embryonic and embryonic stages

Scenario 1.2.2 – Mark Hofer (2 weeks)

Anatomy of the Respiratory System : Chapter 22 pg. 844- 53

Quiz II - Tues. Jan. 27th

Scenario 1.2.3 – Jean (2 weeks)

Anatomy of Sensory Organs : Chapter 16 pg. 589 ; 593- 619.

- Classification of receptors
- Taste (gustation)
- Smell (olfaction)
- Hearing
- Vision

Scenario 1.2.4 – Melanie Clark (1 week)

Anatomy of the Breast: Chapter 28 pg. 1053- 54.

Cancer and the Cell Cycle : Chapter 5 pg. 156 -59

- mitosis
- types of cancer

Final Exam - Tues. Feb. 18th