

THE UNIVERSITY OF LETHBRIDGE
FACULTY OF HEALTH SCIENCES
HLSC 3850 – HUMAN ANATOMY & PHYSIOLOGY
Course Syllabus – Summer 2013 (May 8 – June 24)

Lectures and Labs: M – F, 9:00 to 11:50 (AH175 Lecture; PE044 Lab)
Course Designation: Science
Note: This is a 6.0 credit hour course
Prerequisite: 3rd-year standing (a minimum of 60.0 credit hours)

INSTRUCTORS:

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INTRODUCTION:

This course syllabus outlines the structure, content, and evaluation scheme for HLSC 3850. It also serves as a *contract* between the instructors and each student enrolled in HLSC 3850. Consequently, it is important that each student understands all the policies and procedures outline in the syllabus, and that all points of clarification and questions be addressed in class.

COURSE DESCRIPTION:

This course is an introductory study of the structure and function of the human body under normal conditions. The course is designed to not only provide the student with background science upon which to base nursing care, but also to serve as an introductory course upon which more advanced study can be based.

COURSE OBJECTIVES:

1. Demonstrate a fundamental understanding of human anatomy and physiology at a level suitable for nursing practice as a foundation for future clinical practice and intervention.
2. Demonstrate an understanding of the structure and function of the human body in order to understand the cellular basis for disease as observed in a clinical setting.
3. Use correct and appropriate anatomical and physiological terminology as a foundation for nursing practice.

REQUIRED TEXTBOOK:

Martini, F.H., Nath, J.L., & Bartholomew, E.F. (2011). *Fundamentals of Anatomy & Physiology* (9th ed.). Pearson Benjamin Cummings: California.

Note: PowerPoint lecture notes will be available through Moodle.

ATTENDANCE:

You are responsible for all materials covered in lecture. If you miss a class, it is your responsibility to obtain or make plans to obtain all information covered during the lecture(s) from a classmate.

STUDENT EVALUATION:

Student evaluation will be based upon the following:

Lab Quizzes (6) 25%
Lecture Exams (5)..... 75%

All lecture exams are worth 15%

Exam 1: Skeletal System & Articulations – **Friday, May 17th**

Exam 2: Muscular System – **Tuesday, May 28th**

Exam 3: Nervous & Endocrine Systems – **Wednesday, June 5th**

Exam 4: Cardiovascular & Immune Systems – **Monday, June 17th**

Exam 5: Respiratory, Urinary, Digestive and Reproductive Systems – **Wednesday, June 26th**

Exams will be made up primarily of multiple-choice questions, matching, true/false, fill-in-the-blank, and diagram labeling. Exams are non-cumulative. Under no circumstances will exam performances be 'curved'; as well, there will be no opportunities to augment grades through 'make-up' exams, extra work or assignments.

Be aware that Exam 5 is scheduled during the final exam period. Students are reminded that the University Final Exam Policy states that only under extraordinary circumstances may students request to write an equivalent invigilated Final Examination at other than the scheduled time and place. Students are advised that personal travel plans do not constitute an extraordinary circumstance. Requests are adjudicated by the Dean of Health Sciences.

The final letter grade will be assigned according to the following scheme. In all cases marks will be compiled to within one decimal place (i.e. 62.3, D+). The grading system for this course is consistent with that established in the Faculty of Health Sciences, effective May, 2002.

Letter	GPA	Percent	Letter	GPA	Percent
A+	4.0	95 - 100%	C+	2.3	71 - 74.9%
A	4.0	91 - 94.9%	C	2.0	67 - 70.9%
A-	3.7	87 - 90.9%	C-	1.7	63 - 66.9%
B+	3.3	83 - 86.9%	D+	1.3	59 - 62.9%
B	3.0	79 - 82.9%	D	1.0	55 - 58.9%
B-	2.7	75 - 78.9%	F	0	0 - 54.9%

Grade Philosophy:

- A: Excellent to Exceptional. Demonstrates thorough knowledge and understanding of concepts and/or techniques together with a high to exceptional degree of skill or great originality in the use of those concepts/techniques in satisfying the requirements of a course.
- B: Good to Very Good. Demonstrates good to thorough knowledge and understanding of concepts and/or techniques together with considerable to fairly high degree of skill in using them to satisfy the requirements of a course.
- C: Fairly Competent to Competent. Demonstrates acceptable level of knowledge and understanding of concepts and/or techniques together with some to considerable skill in using them to satisfy the requirements of a course.
- D: Barely Passing to Passing. Demonstrates minimum to slightly better than minimal knowledge and understanding of concepts and/or techniques together with some ability to use them in satisfying the requirements of a course.
- F: Failing. Does not demonstrate minimum required knowledge and understanding of concepts and/or techniques.

ACCOMMODATIONS FOR STUDENTS WITH A DISABILITY:

Reasonable accommodations are available for students who have a documented disability. If you have been diagnosed with a disability, there is no need to face the challenge of University without support. Please contact the Counselling Services/Students with Disabilities Resource Centre at 403-329-2766 <http://www.uleth.ca/ross/counselling/index.html> to set up an appointment. After registering with the Disabilities Resource Centre, your instructor will be notified by a formal letter of any accommodations you require. In addition, students are responsible for requesting accommodations from the instructor at least ***two weeks*** in advance of the evaluation date. The instructor and student are jointly responsible for arranging the resources needed for the evaluation process.

ACADEMIC HONESTY:

It is the responsibility of each student to be familiar with the academic regulations contained within the University Calendar. Consequences of academic and non-academic offenses are highlighted under Part 4 – Academic Regulations, Policies and Program Requirements, section 4.2 – Student Discipline Policy.

PLAGIARISM STATEMENT:

The University of Lethbridge subscribes to Turnitin.com, a plagiarism detection service. Please be advised that student work submitted for credit in this course may be submitted to this system to verify its originality. Students must be able to submit both electronic and hard copy versions of their work upon request.

MISCELLANEOUS ISSUES:

In consideration of your fellow students and overall learning environment, it is expected that cell phones and personal entertainment devices will be turned off during lectures. As well, the consumption of meals is often a distraction and should be avoided if at all possible; small snacks are OK. Students are expected to be on time for class. If you plan to use a laptop in class and it becomes apparent that you are not using it for academic purposes and are distracting other students, we reserve the right to ask you to power down the computer.

EXPECTATIONS:

Due to the accelerated pace of this course, students are expected to put in a significant amount of time outside class devoted to review and preparation of lecture and lab material. It is important that students take an active role during lectures and labs by taking part in discussions and/or asking for clarification as soon as it is needed. Simply put, falling behind is not an option to the successful completion of this course.

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All University of Lethbridge students, faculty and staff must comply with Canadian law and institutional license agreements pertaining to copyright. At the same time, keeping abreast of our copyright obligations and options is a complex task as copyright matters locally and globally are in flux and are likely to remain so for at least the near future.

The University's Copyright website (www.uleth.ca/copyright) is a source of current copyright information that includes:

- answers to common copyright questions (see the [FAQs](#)),
- guidance on whether you need permission or a license to copy a particular work (see the [Copyright Permissions Flow Chart](#)),
- guidance on assessing whether fair dealing may apply to specific instances of copying you wish to undertake (see the [Guidelines for Copying under Fair Dealing](#)), and
- a [permissions look-up tool](#) to help you determine the kinds of copying and other uses permitted by the Library's license agreements covering specific online journals and other online resources.

You are encouraged to contact the University Copyright Advisor (copyright@uleth.ca) for assistance with any copyright questions or issues.

TENTATIVE TOPIC SCHEDULE:

WEEK/DATE	TOPICS	CHAPTERS IN TEXT	LAB
1 – May 8	Intro & Skeletal System	6-9	Skeletal System + Articulations I (May 10 th)
2 – May 13	Skeletal & Muscular Systems	10, 11, 25	Skeletal System + Articulations II (May 15 th)
3 – May 20	Muscular System	12 – 16	Muscular System I (May 24 th)
4 – May 27	Nervous System	18	Muscular System II (May 27 th)
5 – June 3	Nervous, Endocrine & Cardiovascular Systems	19 - 22	Nervous System (June 4 th)
6 – June 10	Cardiovascular & Immune Systems	23, 26, 27	Circulatory System (June 14 th)
7 – June 17	Respiratory, Urinary & Digestive Systems	24, 28, 29	
9 – June 24	Reproductive System & Final Exam	29	

Note: Monday, May 20 is a Statutory Holiday