

## COURSE OUTLINE

### BIO-1160 - Anatomy and Physiology I Fall 2021

Lethbridge College inspires and facilitates learning and innovation to meet economic and social needs.

<b>Centre:</b> Business, Arts, and Sciences	<b>Program:</b> General Studies
<b>Instructor:</b> Scott Lehbauer Office: AN2757 Email: scott.lehbauer@lethbridgecollege.ca	<b>Instructor Availability:</b> Virtual office hours  Messages will be responded to within 2 days Monday-Friday between 9-4 pm.
<b>Delivery Method:</b> Face to face / Blended  <i>Instruction: 3 hours/week</i> <i>Lab: 1 hour/week</i>	<b>Class Time &amp; Location:</b> View your personal class schedule (days, times) through the myHorizon portal or on Canvas.  <b>NOTE:</b> times posted in Canvas are Mountain Daylight Time MDT (current Lethbridge College time). Make sure that you sign on at the correct time (this is especially important if you are in a different time zone).
<b>Credits:</b> 3	<b>Pre-Requisites:</b>  <b>Co-Requisites:</b>
<b>Open to Supplemental Exam:</b> N  <b>Research Component:</b> N	<b>Program Chair:</b> Dr. Brent Cottle <b>Associate Dean:</b> Marda Schindeler <b>Dean:</b> Dr. Kevin Smith <b>Main Program Contact Number:</b> (403) 394-7338

#### Academic Calendar Description:

A comprehensive study of anatomical terms, body organization, basic chemistry, histology, skeletal system, muscular system, digestive system and the reproductive system. Labs include study of the skeleton, muscles and histology.

**Course Outcomes:** Upon completion of this course, the student should be able to:

- Explain the basic structure and function of the major skeletal, muscular, digestive and reproductive systems at the biochemical, cellular, tissue, organ and organ system levels.
- Recognize and name the detailed structures of the skeletal, muscular, digestive and reproductive systems using scientific and medical terminology.
- Use compound and dissection microscopes to view tissue structures.
- Work in group and individualized learning settings with anatomical materials and models.
- Use anatomical language to describe body organization and the location of various body parts, and give examples of practical applications where such language is used and is necessary.

**Course Assessments:**

<b>Assessment (Assignment or Exam)</b>	<b>Value</b>	<b>Due (Week of)</b>
Lecture exam #1	20%	October 11 <sup>th</sup>
Lecture exam #2	20%	November 15 <sup>th</sup>
Lecture exam #3	30%	TBA – Final Exam Week
Lab exam #1	8 1/3%	October 4 <sup>th</sup>
Lab exam #2	8 1/3%	November 8 <sup>th</sup>
Lab exam #3	8 1/3%	December 6 <sup>th</sup>
Discussion Posts*	5%	TBA - See Course Schedule

\* Discussion posts will be done online via the course CANVAS page; additional directions will be given by the instructor in class.

**Penalties/Notes about Late Assignments:**

No late assignments or assessments will be accepted in this course.

## Grading System:

Grade	Percent	Grade Point	Explanation
A+	95 – 100	4.0	EXCELLENT
A	90 – 94	4.0	EXCELLENT
A-	86 – 89	3.7	EXCELLENT
B+	80 – 85	3.3	GOOD
B	76 – 79	3.0	GOOD
B-	70 – 75	2.7	GOOD
C+	67 – 69	2.3	SATISFACTORY
C	63 – 66	2.0	SATISFACTORY
C-	60 – 62	1.7	SATISFACTORY
D+	55 – 59	1.3	MINIMAL PASS
D	50 – 54	1.0	MINIMAL PASS
F	0 – 49	0.0	FAILURE

## Grading:

Official final grades will be available on [Web Advisor](#). Grades posted in Canvas should be considered interim grades.

*Note:* Grade Point Average (GPA) is the standard average measure of performance. Term GPA is an average of the grade points earned in all classes for that term and determines academic standing from term to term. Maintaining the Term GPA required for your program allows for progression in your program. Program GPA is the average grade points earned in all courses required for your program. Successfully meeting the Program GPA required is one criterion for graduation eligibility. To learn more about GPA contact Career & Academic Advising.

## General Course Expectations:

- Students are responsible for the timely completion of all materials indicated in this course outline.
- Students must follow the academic regulations and policies laid out on The Lethbridge College policy and procedure website, Student Rights and Code of Conduct. <https://lethbridgecollege.ca/document-centre/policies-and-procedures/student-services-and-support/student-rights-and-code>
- Please see the current Lethbridge College Website for policies regarding Academic Integrity, Intellectual Honesty, Plagiarism, and Fraud. <https://lethbridgecollege.ca/document-centre/academic-misconduct-procedures>

### **Instructional Method:**

This course is a blended course. Students will be expected to complete both lecture and lab components of the course, as well as participate in online discussions. Students should expect to spend between 7 to 10 hours per week on this course to be successful.

### **Required Text(s), Materials, and Technology:**

#### Required Text(s):

Marieb, E. N., Hoehn, K. (2018). Human Anatomy & Physiology (11th ed.). San Francisco, CA: Pearson Benjamin Cummings.

Stewart, R., et al. (2017). BIO 1160 Anatomy and Physiology Lab Manual. Lethbridge College.

#### Additional Resources (Not Required):

Krieger, P.A. (2017). A Visual Analogy Guide to Human Anatomy & Physiology. 3rd ed. Englewood, CO. Morton.

Patton, K. (2014). Survival guide for anatomy & physiology (2nd Edition). St. Louis, MO: Elsevier Mosby.

*Note:* Important Dates and Deadlines can be found on the [Lethbridge College website](#).

## **Student Resources**

### **Canvas:**

[Canvas](#) is the Learning Management System (LMS) used by Lethbridge College. All students at Lethbridge College have access to Canvas, where they will locate course resources such as course outlines, grades, course materials, Canvas Inbox, and learning activities. Canvas also has a mobile app.

### **Lethbridge College Email:**

[Lethbridge College email](#) is the main source of communication outside your individual courses. Be sure to access this often to ensure you have the most up-to-date information from across the campus.

### **Buchanan Library:**

Use the [Buchanan Library](#) in person or online to find research materials required for class assignments and to help you with your information needs. Access over 50 databases to find articles on almost any topic and use our online catalogue to find books, ebooks, videos, articles, and more. Our staff provides guidance on how to find the resources you require.

### **Learning Café:**

Students are encouraged to access the [Learning Café](#) in the Buchanan Library for various free services, including academic tutoring support (online and face to face), APA documentation and study skills workshops, peer tutoring, and [online learning resources](#).

**Accessibility Services:**

Students requiring academic accommodation (e.g., extra time, separate space, etc.) must register with [Accessibility Services](#) to determine eligibility for and implementation of these supports. If you have further questions, please feel free to speak to your instructor or contact Accessibility Services for more information.

**Health and Shepell Counselling Services:**

Our [Health Services](#) health care team of registered nurses, doctors, and psychiatrists are here to provide services that positively influence your health and well-being. Shepell offers a variety of services to help you meet the challenges of achieving your personal, professional, and academic potential. The primary form of support is personal counselling, which provides an opportunity to work collaboratively with a counsellor.

**Advising:**

[Academic advisors](#) are a great place to start if you aren't sure where to go for help. They are experts on college policies, procedures, program requirements, academic planning, and student supports, and they can help you at any point in your college experience.

**Other Services:**

If you would like more information on the many services available to students, please check out the [Current Students](#) section of the Lethbridge College website.

## Institutional Policies and Practices

**Course Work Used as Examples:**

Should your instructor wish to use your work in future educational purposes, you will be asked to complete and sign a Student Release Form, authorizing both the instructor and/or the College to use your course work. This form, along with a copy of your work, is retained in the official copyright files located in the College's Intellectual Property Office. If you have any questions regarding Copyright and/or Intellectual Property, please contact the Intellectual Property Office.

**Retention of Assignments and Exams:**

Examinations/assignments will be retained by instructors to the end of the final grade appeal period. After the appropriate retention period, records will be destroyed in a secure manner.

*Note:* Practicum course evaluations may be kept for a longer period of time. Please see the [Records Management policy](#) for more information.

**Student Rights and Code of Conduct:**

Academic Honesty is necessary for students to achieve excellence and for the preservation of the integrity and reputation of the course, the program, and of Lethbridge College as an institution. Lethbridge College supports and demands academic honesty in all academic learning activities.

Plagiarism is a serious offence and will be handled in accordance with Lethbridge College policy. The penalties for plagiarism vary in degrees but may result in expulsion from the Lethbridge College. For definitions of what is included as plagiarism and academic dishonesty, please view the [Student Rights and Code of Conduct policy](#).

**Recording of Classes:**

Audio/video recording is permitted *only* with the prior written consent of the instructor or if recording is part of an approved accommodation plan. Such a recording is for the personal use only of the student who has permission to record. Following the course all such recordings must be destroyed.

**Other Policies:**

Students should be aware of policies and procedures that may impact them directly. More information can be found on the Lethbridge [College Policies page](#).

**Important Notes about your Course Outline:**

Please retain a copy of this course outline for future reference. It can be useful in providing documentation for course transfer credit.

**Research Disclaimer:**

*Note:* please use one of the following paragraphs and erase the other that does not apply.

*Disclaimer 1:* This course does not include any research activities that involve human participants.

*Note:* A student must, at the planning stage, discuss his or her research study with the supervisor. As the supervisor oversees the research study, he/she is responsible for reviewing the student's application and indicating their support/approval before the student submits the application for ethics review.

## Other Program Contacts

To contact the Dean or Associate Dean for the program, please contact the main program phone number on page 1 of this outline.