

Course ID:	Course Title:	Fall 2020
ZOO 263	Human Physiology II	Prerequisite: ZOO 261
		Credits: 3

Class Information		Instructor Information		Important Dates	
Delivery:	In class	Instructor:	Dr. Michele Nawata	First day of classes:	Mon, Jan 11
Days:	Tue/Thu	Email:	michele.nawata@ambrose.edu	Last day to add/drop, or change to audit:	Sun, Jan 24
Time:	1:30 pm - 2:45 pm	Phone:	403-410-2000, ext. 6906	Last day to request revised final exam:	Mon, Mar 8
Room:	A2133 (lecture) A2151 (lab)	Office:	L2109	Last day to withdraw from course:	Fri, Mar 19
Lab/ Tutorial:	3 hours/week Tue 3:00 pm - 6:00 pm	Office Hours:	By appointment	Last day to apply for coursework extension:	Mon, Mar 29
Final Exam:	In class			Last day of classes:	Fri, Apr 16

Course Description

The basic structure and function of body systems - including blood and immunity, as well as the cardiovascular, respiratory, digestive and urinary systems. This is a continuation of ZOO 261.

Expected Learning Outcomes

Upon successful completion of this course, students will be able to:

- 1) Describe in detail the functioning of the following systems: circulatory/cardiovascular, immune, respiratory, digestive, and urinary.
- 2) Apply their understanding of physiological principles to factual scenarios or case studies.

Textbooks

No textbook required.

Recommended reading:

Human Physiology, 14th edition (2016), by Stuart Fox. McGraw-Hill.

Vander's Human Physiology: The Mechanisms of Body Function, 15th edition (2019 or earlier), by Eric Widmaier, Hershel Raff, Kevin Strang. McGraw-Hill.

Tentative Course Schedule (subject to change)

Date	Lecture Schedule
January 12	Blood
January 14	Heart/circulation
January 19	Heart/circulation/lymphatic system
January 21	Cardiac output/blood flow/blood pressure
January 26	Cardiac output/blood flow/blood pressure
January 28	Cardiac output/blood flow/blood pressure
February 2	Immune system
February 4	Immune system
February 9	Immune system
February 11	Midterm I
February 16	No Class – Reading Week
February 18	No Class – Reading Week
February 23	Respiratory physiology
February 25	Respiratory physiology
March 2	Respiratory physiology
March 4	Renal physiology
March 9	Renal physiology
March 11	Renal physiology
March 16	Renal physiology
March 18	Midterm II
March 23	Digestive system
March 25	Digestive system
March 30	Digestive system
April 1	Metabolism
April 6	Metabolism
April 8	Metabolism
April 13	Review
April 15	Final exam

Date	Tentative Lab Schedule
January 12	No lab
January 19	Blood
January 26	Cardiac
February 2	Immune system
February 9	Immune system
February 16	No lab
February 23	Respiratory
March 2	Respiratory
March 9	Renal
March 16	Renal
March 23	Digestion
March 30	Digestion
April 6	Metabolism
April 13	Metabolism

Evaluation

The lecture portion of this course will be evaluated by two midterm exams and one in-class final exam. The lab portion of this course will be evaluated by exercises, quizzes, and assignments.

Midterm I (25%)

Midterm II (25%)

Final exam (25%)

Lab portion (25%)

Labs

Following the guidelines to prevent the spread of COVID-19, please adhere to these rules:

- Lab coats, safety goggles/safety glasses, masks, and gloves are **mandatory** and must be worn at **all times**.
- You **must** have your own **lab coat, safety eyewear, and mask**. Gloves will be provided.
- Please bring a pen to write with. No laptops, cell phones, or other electronic devices allowed.
- No food or drink.

Attendance

Exams and labs will be based on material presented in the lectures. Therefore attendance at all lectures is strongly recommended. Lab attendance at is **mandatory**.

Grade Summary

Percent (%) to Letter Grade Conversion	Grade	Grade Point	Description
92% - 100%	A+	4.0	Excellent
85% - 91.9%	A	4.0	
80% - 84.9%	A-	3.7	
77% - 79.1%	B+	3.3	Good
73% - 76.9%	B	3.0	
70% - 72.9%	B-	2.7	
67% - 69.9%	C+	2.3	Satisfactory
63% - 66.9%	C	2.0	
60% - 62.9%	C-	1.7	
55% - 59.9%	D+	1.3	Minimal Pass
50% - 54.9%	D	1.0	
0% - 49.9%	F	0	Fail

Because of the nature of the Alpha 4.00 system, there can be no uniform University-wide conversion scale. The relationship between raw scores (e.g. percentages) and the resultant letter grade will depend on the nature of the course and the instructor's assessment of the level of each class, compared to similar classes taught previously.

Please note that final grades will be available on student registration system. Printed grade sheets are not mailed out.

Other

Please be familiar with and adhere to the Ambrose University Academic Policies (below) regarding **Electronic Etiquette** and **Academic Integrity**.

Ambrose University Academic Policies:

Communication

All students have received an Ambrose e-mail account upon registration. It is the student's responsibility to check this account regularly as the Ambrose email system will be the professor's instrument for notifying students of important matters (cancelled class sessions, extensions, requested appointments, etc.) between class sessions. If students do not wish to use their Ambrose accounts, they will need to forward all messages from the Ambrose account to another personal account.

Registration

During the **Registration Revision Period** students may enter a course without permission, change the designation of any class from credit to audit and /or voluntary withdraw from a course without financial or academic penalty or record. Courses should be added or dropped on the student portal by the deadline date; please consult the List of Important Dates. After that date, the original status remains and the student is responsible for related fees.

Students intending to withdraw from a course after the Registration Revision Period must apply to the Office of the Registrar by submitting a "Request to Withdraw from a Course" form or by sending an email to the Registrar's Office by the **Withdrawal Deadline**; please consult the List of Important Dates on the my.ambrose.edu website. Students will not receive a tuition refund for courses from which they withdraw after the Registration Revision period. A grade of "W" will appear on their transcript.

Students wishing to withdraw from a course, but who fail to do so by the applicable date, will receive the grade earned in accordance with the course syllabus. A student obliged to withdraw from a course after the Withdrawal Deadline because of health or other reasons may apply to the Registrar for special consideration.

Exam Scheduling

Students, who find a conflict in their exam schedule must submit a Revised Examination Request form to the Registrar's Office by the deadline date; please consult the List of Important Dates. Requests will be considered for the following reasons only: 1) the scheduled final examination slot conflicts with another exam; 2) the student has three final exams within three consecutive exam time blocks; 3) the scheduled final exam slot conflicts with an exam at another institution; 4) extenuating circumstances. Travel is not considered a valid excuse for re-scheduling or missing a final exam.

Electronic Etiquette

Students are expected to treat their instructor, guest speakers, and fellow students with respect. It is disruptive to the learning goals of a course or seminar and disrespectful to fellow students and the instructor to use electronics for purposes unrelated to the course during a class session. Turn off all cell phones and other electronic devices during class. Laptops should be used for class-related purposes only. Do not use iPods, MP3 players, or headphones. Do not text, read, or send personal emails, go on Facebook or other social networks, search the internet, or play computer games during class. Some professors will not allow the use of any electronic devices in class. The professor has the right to disallow the student to use a

laptop in future lectures and/or to ask a student to withdraw from the session if s/he does not comply with this policy. Repeat offenders will be directed to the Dean. If you are expecting communication due to an emergency, please speak with the professor before the class begins.

Academic Policies

It is the responsibility of all students to become familiar with and adhere to academic policies as stated in the Academic Calendar. Personal information (information about an individual that may be used to identify that individual) may be required as part of taking this class. Any information collected will only be used and disclosed for the purpose for which the collection was intended. For further information contact the Privacy Compliance Officer at privacy@ambrose.edu.

Extensions

Although extensions to coursework in the semester are at the discretion of the instructor, students may not turn in coursework for evaluation after the last day of the scheduled final examination period unless they have received permission for a course Extension from the Registrar's Office. Requests for course extensions or alternative examination time must be submitted to the Registrar's Office by the deadline date; please consult the List of Important Dates. Course extensions are only granted for serious issues that arise "due to circumstances beyond the student's control."

Appeal of Grade

An appeal for change of grade on any course work must be made to the course instructor within one week of receiving notification of the grade. An appeal for change of final grade must be submitted to the Registrar's Office in writing and providing the basis for appeal within 30 days of receiving notification of the final grade, providing the basis for appeal. A review fee of \$50.00 must accompany the appeal. If the appeal is sustained, the fee will be refunded.

Academic Integrity

We are committed to fostering personal integrity and will not overlook breaches of integrity such as plagiarism and cheating. Academic dishonesty is taken seriously at Ambrose University as it undermines our academic standards and affects the integrity of each member of our learning community. Any attempt to obtain credit for academic work through fraudulent, deceptive, or dishonest means is academic dishonesty. Plagiarism involves presenting someone else's ideas, words, or work as one's own. Plagiarism is fraud and theft, but plagiarism can also occur by accident when a student fails or forgets to acknowledge to another person's ideas or words. Plagiarism and cheating can result in a failing grade for an assignment, for the course, or immediate dismissal from the university. Students are expected to be familiar with the policies in the current Academic Calendar that deal with plagiarism, cheating, and the penalties and procedures for dealing with these matters. All cases of academic dishonesty are reported to the Academic Dean and become part of the student's permanent record.

Mental Health Support

All of us need a support system. We encourage students to build mental health supports and to reach out when help is needed.

On Campus:

- Counselling Services: ambrose.edu/counselling
- Peer Supportive Listening: One-to-one support in Student Life office. Hours posted at ambrose.edu/wellness.
- For immediate crisis support, there are staff on campus who are trained in Suicide Intervention and Mental Health First Aid. See ambrose.edu/crisissupport for a list of staff members.

Off Campus:

- Distress Centre - 403-266-4357
- Sheldon Chumir Health Care Centre - 403-955-6200
- Emergency - 911

Sexual Violence Support

All staff, faculty, and Residence student leaders have received *Sexual Violence Response to Disclosure* training. We will support you and help you find the resources you need. There is a website with on and off campus supports – ambrose.edu/sexual-violence-response-and-awareness.

Off Campus:

- Clinic: Sheldon Chumir Health Centre - 403-955-6200
- Calgary Communities Against Sexual Abuse - 403-237-5888

Note: Students are strongly advised to retain this syllabus for their records.