

BIO 2870 (Anatomy and Physiology)

Course Syllabus

Winter, 2020

Instructor: Dr. Martin Crozier
Building and Office number: [Biology Building](#) Room (4109)
Office phone: (313) 577-3524
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CLASS MEETING LOCATION

100 Lecture Hall
[General Lectures \(100 LECT\)](#)

CLASS MEETING TIME

Monday, Wednesday 2:30-3:45 PM

COURSE DESCRIPTION

Detailed study of structure and function of the major systems of the body: skeletal, nervous, muscular, endocrine, circulatory, respiratory, digestive, excretory, and reproductive.

COURSE PREREQUISITES

Prereq: BIO 1510 with grade of C-minus or above.

OFFICE HOURS

Monday, Wednesday: 1:00-2:00pm

EXAMS

There will be 4 exams (three in-class midterm examinations and one final exam).

ONLINE QUIZZES (weekly*)

Throughout the semester I will post online quizzes to [masteringaandp.com](#).

COURSE CREDITS

This is a 5.00 credit course. Lecture 3.00 + Lab 2.00

TEXT/BOOKS

Lecture:

- *Essentials of Anatomy and Physiology*, (8th edition) by F.H. Martini and E. Bartholomew (ISBN 10: 0135203805)
- [masteringaandp.com](#) access (Required**) Course Name: Bio 2870 Human Anatomy and Physiology Winter 2020; **Course ID: TBA**

Lab:

- Anatomy and Physiology, BIO 2870 Lab Manual (see lab syllabus)

EXAM DATES

There will be 3 closed-book midterm examinations, given in class (see below).
The [final exam](#) (Exam IV) is a cumulative exam held on date: TBA

EXAM CONFLICTS

The final exam is scheduled as designated in the Schedule of Classes for this term. No other time for the final exam will be available, and **no exceptions** will be made for conflicts such as student travel plans. Students are not required to take more than two final exams in one day. A student with more than two scheduled final exams on one day may (not must) petition to the instructor of the course with the lowest number students enrolled (this course has over 380 enrolled students), to arrange an alternate time for the final exam. Such petitions must be presented to the instructor as early as possible and made at least one week prior to the scheduled date of the final exam.

EXAM FORMATS

The exams will include **multiple-choice** questions, and will **include images**. All exams will be closed book and held in class. All you will need is a few sharp pencils, a good eraser, your One Card, and Scantrons (I will provide Scantrons for all Exams). No electronic devices of any kind will be allowed unless indicated otherwise in advance, and cell phones must be turned off. Anyone who leaves the exam room will not be allowed back in. Late-arriving students should know that admittance into the exam room will not be allowed after 20 minutes and/or the first student has left the room. The instructor will arrange a structured seating plan for the exam.

ONLINE QUIZZES:

I do not take attendance to lectures, however, attendance is HIGHLY recommended. Online quizzes (through Pearson's [masteringaandp.com](https://www.masteringaandp.com)) will be posted on a weekly basis (approximately). The purpose of these online quizzes will be to challenge students to engage with the material that we will be covering in class in advance of lecture or to review recently covered lecture material. There are no make-up opportunities for missed [masteringaandp.com](https://www.masteringaandp.com) quizzes. It will be the responsibility of the student to regularly check the [masteringaandp.com](https://www.masteringaandp.com) calendar for upcoming quizzes (in-class reminders will be given to those in attendance). Details will be discussed thoroughly during the first week of class.

DROPPING LOW SCORES

I will automatically drop your lowest score from Exams I, II, and/or III. Exam IV (the Final Exam), will count regardless of your performance on that exam. Failing to attend an exam will result in a score of '0'. **No medical notes or documentation for absences is required. NO MAKE-UP OPPORTUNITIES** for missing an exam. The score will be considered your lowest grade and dropped. The [masteringaandp.com](https://www.masteringaandp.com) quizzes contribute 100 points to your grade. However, I will ask 120 questions during the semester. Any points beyond 100/100 will count toward your grade. Thus, it is possible to score 520/500 in the lecture portion of the course.

GRADING:

A total of 900 points are available to be earned (500 from lecture and 400 from the lab). There are no opportunities for extra credit or alternative assignments. Course grades are determined from total point accumulation (lecture + lab) at the end of the semester, with final letter grades based generally on a strait scale; modified if appropriate depending on the class average and point distribution. I will automatically drop your lowest score from Exams I and II and III. Your score for the Final Exam (Exam IV) will count even if it is your lowest score.

Exam I:	100
Exam II:	100
Exam III	100
Online Quizzes (masteringaandp.com)	100 (120*)
Exam IV (Final):	200
Lab	400 (410*)
Total	1000 (1030*)
Lowest score from Exam I, II, and III	-100
Total	900 (930*)

There is no extra credit under any circumstances

Final scores for the entire course will be normalized*

Your final course grade will be decided as follows:

Percentage	Grade	Percentage	Grade	Percentage	Grade
93-100	A	80-82.99	B-	66-69.99	D+
90-92.99	A-	76-79.99	C+	63-65.99	D
86-89.99	B+	73-75.99	C	60-62.99	D-
83-85.99	B	70-72.99	C-	<59.99	F

EXAM GRADE DISPUTES / CHALLENGE OPTION

After the return of an exam or quiz students will have until the following exam or quiz to challenge a grade for any question. Failure to challenge the grade within this period indicates a willingness to accept the grade as is. The challenge should consist of an in-person explanation (or a written description) of why the answer is correct based on other published material that you cite.

CHEATING

A strict zero-tolerance policy for cheating will be enforced. Anyone caught cheating on an exam will receive a score of 0 (zero) for that portion of the grade.

Students found to be cheating during an exam (using a “cheat sheet”, looking at another’s paper, or allowing another to look at yours), will receive a zero for that test with no opportunity to drop or replace that score. A second episode of cheating will result in a grade of F for the course and may also result in initiation of university disciplinary action.

POSTING OF EXAM GRADES

I will post Exam grades on Canvas by Student ID Number, as soon as possible, following the exam. The scantron answer key will be posted on Canvas. Quiz grades will be updated on Canvas at the end of each Unit. The quiz scores are always available in masteringaandp.com, but Canvas scores are official.

SPECIAL CONSIDERATIONS FOR INDIVIDUALS WITH DISABILITIES

If you have a physical or mental impairment that may interfere with your ability to complete the requirements for this course successfully, you are invited to contact Educational Accessibility Services (1600 David Adamany Library; 577-1851) to discuss appropriate accommodations on a confidential basis.

RELIGIOUS HOLIDAY CONFLICTS

Because of the extraordinary variety of religious affiliations of the University student body and staff, the Academic Calendar makes no provisions for religious holidays. However, it is University policy, to respect the faith and religious obligations of the individual. Students with classes or examinations that conflict with their religious observances are expected to notify their instructors well in advance (minimum of 2 weeks notification), so that mutually agreeable alternatives may be worked out.

ADD/DROP POLICY

See academic calendar for dates pertaining to add/drop class at:
<https://wayne.edu/registrar/registration/calendar19-20>

Also see <http://reg.wayne.edu/> for student help related to registering, dropping/withdrawing, transcript requests, tuition and fees, calendars and deadlines, etc.

UNEXPECTED UNIVERSITY CLOSURES.

If the University is officially closed on an exam day, the exam will be held on the next regularly scheduled class day. Closure of the University is announced by the following:

1. the University Newsline (313) 577-5345 *
2. WSU Homepage (www.wayne.edu) *
3. WSU Academica (www.academica.wayne.edu) *
4. WDET-FM (Public Radio 101.9)
5. by other local radio and television stations

* Note: The information on closures and class cancellations is likely to be found at these locations before it is broadcast by local radio and television stations

OTHER

Please turn all cell phones off during class and during exams (unless otherwise instructed).

Any specific issue not covered by this syllabus will be resolved using University policies. Disputes that cannot be resolved following the guidelines present in this syllabus will be resolved by following the guidelines of the University "Student Due Process".

COURSE WEB SITE

You can go to [academica](https://academica.wayne.edu) and click on the Canvas logo at the top:



Or go to canvas.wayne.edu

This course should appear in your menu if you are correctly registered. We will be learning the navigation of canvas together. Go to your 'Dashboard' to select this course. Also be sure to go to 'Account' and personalize your 'Settings' and 'Notification' (to be discussed in class).

It is the responsibility of the student to ensure that they have the appropriate computer capabilities (programs), and access to a computer, for downloading the material. The preparation and presentation of the aforementioned material is a privilege for the student, and not a necessary requirement on the part of the teacher. Students are able to succeed fully in this class without access to the aforementioned material, however, accessing the information may facilitate success in the class.

A screenshot of the Canvas LMS interface for the course 'Anatomy & Physiology Sec 001'. The interface is divided into three main sections: a left sidebar, a main content area, and a right sidebar. The left sidebar is dark green with white icons and text, containing links to Account, Dashboard, Courses, Calendar, Inbox, and Help. The main content area has a header 'Anatomy & Physiology Sec 001' and a sub-header 'Fall 2019'. Below the header is a 'Home' button and a list of links: Discussions, Grades, People, Syllabus, Modules, Echo360 Recordings, and Library Resources. The 'Modules' section lists 'Unit 1 Lectures', 'Unit 2 Lectures', 'Unit 3 Lectures', 'Unit 4 Lectures', and 'Exams Folder'. The 'File Resources' section lists 'Instructions for purchasing masteringaandp.com access', 'Instructions for purchasing textbook', and 'Instructions for taking an online quiz'. The 'Lecture Times' section lists 'Tuesday, Thursday 10:00-11:15am; General Lectures 100' and 'Dr. Martin Crozier'. The 'Office Hours' section lists 'M, W: 1:00-2:00pm; T, Th 3:00-4:00pm; Biological Sciences Building rm. 4109'. The right sidebar contains buttons for 'View Course Stream' and 'View Course Calendar', and sections for 'To Do' (Nothing for now), 'Tutoring Availability' (You are not registered for any courses that have tutoring available.), and 'Supplemental Instruction' (You are not registered for any courses that have supplemental instruction available.). A book cover for 'Essentials of Anatomy & Physiology' by Martini / Bartholomew is displayed in the center of the main content area.

Important dates to keep track off:

University Calendar:

<https://wayne.edu/registrar/registration/calendar19-20>

Course Specific Dates:

Exam Dates:

Exam I: TBD

Exam II: TBD

Exam III: TBD

Exam IV (Final): TBD

Registration Dates:

TBD– Holiday (no class meetings)

TBD– Spring Break

TBD – Last day of class

	Weekday	Dates (TBD)	Chapter #
Unit 1	Mon		Introduction and Course Syllabus
	Wed		1: Intro to A&P
	Mon		Martin Luther King Day
	Wed		4: Tissue Level of Organization
	Mon		4: Tissue Level of Organization
	Wed		5: Integumentary System
	Mon		5: (...cont'd)
	Wed		6: The Skeletal System
	Mon		6: (...cont'd)
	Wed		Exam I
Unit 2	Mon		7: The Muscular System
	Wed		7: (...cont'd)
	Mon		8: The Nervous System
	Wed		8: (...cont'd)
	Mon		8: (...cont'd)
	Wed		9: The General and Special Senses
	Mon		9: (...cont'd)
	Wed		16
	Wed		Exam II
Unit 3	Mon-Sat		Spring Break
	Mon		10: Endocrine System
	Wed		10: (...cont'd)
	Mon		11: CVS: Blood
	Wed		11: (...cont'd)
	Mon		12: CVS: The Heart (time permitting)
	Wed		Exam III
Unit 4	Mon		15: Respiratory System
	Wed		15: (...cont'd)
	Mon		16: Digestive System
	Wed		16: (...cont'd)
	Mon		Last day of classes
	Tues		Study Day
	Wed		Final Exam TBA