

BIO 2870 (Anatomy and Physiology)

Course Syllabus

Winter, 2021

Instructor Dr. Martin Crozier

~~Building and Office number~~ [Biology Building](#) Room (4109)

~~Office phone~~ (313) 577-3524

Email address am0246@wayne.edu

CLASS MEETING LOCATION

M, W 2:30-3:45pm via Zoom (in Canvas); no on-campus meetings for lab or lecture.
This a 5.00 credit course. Lecture 3.00 + Lab 2.00

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

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

OFFICE HOURS (Canvas Zoom; **Meeting ID: 991 0093 6807; Passcode: 033597**)

M, W 2:30-3:45pm; i.e., the scheduled lecture time slot will be used for interactive discussions about all things lecture related.

- I will begin each zoom meeting with “Daily Announcements” of upcoming events (e.g., due dates, textbook readings, etc.).
- I will be lecturing live and answering questions during the zoom meeting
- I will also answer questions that students post in the Canvas ‘Chat’ room (i.e., those that are posted prior to the zoom meetings).
- **Zoom sessions will be recorded**, so you can watch them at your own convenience (although live attendance is most highly recommended).
- **Midterm Exams** (i.e., Exams I-III) will take place at the regularly-scheduled class time (see p. 6 below for specific dates)

EXAMS

There will be 4 exams (3 midterm examinations and one [final exam](#)), offered online using both **Respondus LockDown Browser** AND **Respondus Monitor** (webcam; required).

ONLINE QUIZZES (weekly*)

Throughout the semester I will post online quizzes through **MyLab and Mastering** found in [Canvas](#). Due dates/times listed in table at the end of this document. MyLab and Mastering quizzes will appear **exactly 7 days before** they are due. I recommend you use the ‘Calendar’ view in MyLab and Mastering’s course home page.

TEXT/BOOKS

Lecture: (The fee is included with tuition upon registration in this course via the Instant Access, FirstDay™ Program (discussed during our first lecture meeting)).

- *Essentials of Anatomy and Physiology*, (8th edition) by F.H. Martini and E. Bartholomew (ISBN 10 0135203805)
- **MyLab and Mastering** access (Required**) Instructions available on [Canvas homepage](#) (see “**Instructional Videos (How to...) from Dr. Crozier**”

Lab: See lab syllabus for details (speak with Lab Instructor concerning lab material): Top Hat + Lab Manual; These are separate from FirstDay program

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 300 enrolled students), to arrange an alternate time for the final exam. Such petitions must be presented to the instructor as early as possible. I would prefer 2 weeks advanced notice.

EXAM FORMATS

The lecture exams will include **multiple-choice** questions and will not **include images**. All exams will be closed book and held online using **Respondus LockDown Browser AND Respondus Monitor** (i.e., a webcam; required). I will provide you with the information needed to use Respondus software. Students enrolled in this course **must have** all the necessary **hardware** and **software** to use Respondus LockDown Browser AND Respondus Monitor. If you are unable to access the necessary equipment to complete the exams on the specified dates (see dates/times below), you may choose to not be enrolled in the course. **PLEASE NOTE: Google Chromebooks** will not run Respondus Monitor. No alternate exam dates and/or formats or delivery methods will be used during the Winter semester 2021.

ONLINE QUIZZES

Online quizzes (through **MyLab and Mastering**) will be posted on a weekly* basis (see schedule below). The purpose of these online quizzes will be to challenge students to engage with and review the lecture material. There are no make-up opportunities for missed **MyLab and Mastering** quizzes. It will be the responsibility of the student to regularly check the **MyLab and Mastering** calendar for upcoming quizzes. Details concerning how to complete the quizzes will be discussed thoroughly during the first week of class. I will include 11 quizzes for 10 points each. Any points students score past 100 points can be kept. I.e., students can potentially score 110/100

DROPPING LOW SCORES

I will drop the lowest score from your three midterm exams (**Exam I, II, or III**). **Exam IV** (the Final Exam) will count regardless of your performance on that exam.

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.

| | |
|---|-------------------|
| Exam I | 100 |
| Exam II | 100 |
| Exam III | 100 |
| Drop lowest Exam (of Exams I-III) | -100 |
| Online Quizzes (MyLab and Mastering) | 100 (110*) |
| Exam IV (Final Exam) | 200 |
| Lab | 400 (420*) |
| Total | 900 (930*) |

There is no extra credit under any circumstances

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 lecture midterm exam, I will give students approximately 1 month to review the exam and to identify any concerns with the exam content or grading. I will set a specific deadline (usually ~ 4 weeks after the exam), after which I will announce if there are to be any adjustments to the original exam score. Failure by students to challenge the grade within this period indicates a willingness to accept the grade as is. While reviewing the exam, please post the exam question to Canvas 'Chat' for review. I will address all Canvas 'Chat' questions at the subsequent zoom meeting (please post the content of the question, not just the question number).

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 (e.g., using digital or hardcopy resources during a lecture exam offered through Respondus, or sharing information about an exam through group chat (e.g., *WhatsApp*, etc.), 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. **Please refrain from discussing exam content on social media apps until after the exam is made "public for review" by Dr. Crozier.**

POSTING OF GRADES

- **Exam grades** will automatically load into Canvas grades following submission of the Respondus LockDown exam.
- Dr. Crozier will review the exam for any errors in grading and discuss student concerns/inquiries during the next lecture meeting following the exam.
- Students are encouraged to post questions about the exam in Canvas ‘Chat’
- The MyLab and Mastering **quiz grades** will be updated on Canvas each week on Thursdays.
 - The quiz scores are also available in **MyLab and Mastering** gradebook, but Canvas scores are official.
 - Canvas grades does not perform calculations such as dropping the lowest midterm scores or lowest lab quiz scores*

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/calendar20-21>

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 Newslines (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

OTHER

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.

Winter 2021

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Human Anatomy and Physiology Bio 2870 Fall 2020

Modules:

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- [Weekly Study Plans](#)
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Instructional-Video Links from Dr. Crozier:

[How to access course materials:](#)

Instant Access and Go
Access Course Materials
AND CREATE PEARSON ACCOUNT

Dr. Crozier's Contact Information:
Email: am0246@wayne.edu
Office Hours: M, W 2:30-3:45pm via Zoom; link in Canvas.

MARTINI / BARTHOLOMEW

ESSENTIALS OF
Anatomy & Physiology
EIGHTH EDITION

Important dates to keep track off

University Calendar:

<https://wayne.edu/registrar/registration/calendar20-21/>

Course Specific Dates:

Exam Dates

Exam I: Wednesday, February 10th

Exam II: Wednesday, March 10th

Exam III: Wednesday, April 7th

Exam IV: ([Final Exam](#)) Wednesday, April 28th

Registration Dates

Mon., January 18th– Holiday (no class meetings)

Mon., March 15th—Sat., March 20th – Spring Break

Mon., April 26th – Last day of class

Tues., April 27th – Study Day

Wed., April 28th – Final Exam (2:45-4:45pm)

| | Day | Wk | Date | Topic | MyLab Quiz (Sat. @11pm) |
|------------|-------------|---------------|-----------------|-----------------------------------|--------------------------------|
| Unit 1 | Mon | 1 | Jan 11 | Intro | |
| | Wed | | Jan 13 | Ch4 | |
| | Mon | 2 | Jan 18 | No Classes | Martin Luther King Day |
| | Wed | | Jan 20 | Ch4 | Quiz 1; Jan. 23 rd |
| | Mon | 3 | Jan 25 | Ch5 | |
| | Wed | | Jan 27 | Ch5 | Quiz 2; Jan. 30 th |
| | Mon | 4 | Feb 1 | Ch6 | |
| | Wed | | Feb 3 | Ch6 | Quiz 3; Feb. 6 th |
| | Mon | 5 | Feb 8 | Ch6 | |
| | Wed | | Feb 10 | Exam I | 2:30-3:45PM |
| Unit 2 | Mon | 6 | Feb 15 | Ch7 | |
| | Wed | | Feb 17 | Ch7 | Quiz 4; Feb. 20 th |
| | Mon | 7 | Feb 22 | Ch8 | |
| | Wed | | Feb 24 | Ch8 | Quiz 5; Feb. 27 th |
| | Mon | 8 | Mar 1 | Ch10 | |
| | Wed | | Mar 3 | Ch10 | Quiz 6; Mar. 6 th |
| | Mon | 9 | Mar 8 | Ch10 | |
| Wed | | Mar 10 | Exam II | 2:30-3:45PM | |
| Unit 3 | Mon | 10 | Mar 15 | No Classes | SPRING BREAK |
| | Wed | | Mar 17 | No Classes | SPRING BREAK |
| | Mon | 11 | Mar 22 | Ch11 | |
| | Wed | | Mar 24 | Ch11 | Quiz 7; Mar. 27 th |
| | Mon | 12 | Mar 29 | Ch12 | |
| | Wed | | Mar 31 | Ch12 | Quiz 8; Apr. 3 rd |
| | Mon | 13 | Apr 5 | Ch12 | |
| Wed | | Apr 7 | Exam III | 2:30-3:45PM | |
| Unit 4 | Mon | 14 | Apr 12 | Ch15 | |
| | Wed | | Apr 14 | Ch15 | Quiz 9; Apr. 17 th |
| | Mon | 15 | Apr 19 | Ch16 | |
| | Wed | | Apr 21 | Ch16 | Quiz 10; Apr. 24 th |
| | Mon | 16 | Apr 26 | Last class | |
| | Tues | | Apr 27 | Study Day | |
| | Wed | | Apr 28 | Final Exam | *Quiz 11; 2:45PM |

REQUIRED HARDWARE/SOFTWARE:

For lecture exam purposes (and for lab quizzes and practical exams), we will be requiring students to use BOTH **Respondus LockDown Browser** and **Respondus Monitor** (webcam, e.g., FaceTime HD (built-in) laptop camera, etc.)

How to download and use Respondus Lockdown Browser/Monitor:

For Bio 2870 all **Lecture Exams** and **Lab assessments** (i.e., all lab quizzes and lab practical exams), will require you to use Respondus Lockdown Browser/Monitor through the Canvas website. (MyLab and Mastering quizzes and Top Hat **do not** require Respondus).

- Respondus is its own browser (akin to Chrome or Firefox, etc.)
- Respondus is **compatible** with Microsoft Windows and macOS.
- You may need to clear all data and delete cookies/empty your cache so that it does not slow down the loading of questions on the exams
- Respondus is not compatible with Android or macOS **mobile devices***
- While **Respondus LockDown Browser** is compatible with WSU issued Google Chromebooks, **Respondus Monitor is not. You cannot use a Google Chromebook** (not even a WSU issued one).
- Download Respondus in **Canvas** by clicking **Help** and then **Students: Links and Downloads**.
- Contact our **WSU C&IT Help Desk at 313-577-4357** or <https://tech.wayne.edu/helpdesk> for assistance.
- Please watch this short video for an overview of Respondus: <https://youtu.be/XuX8WoeAycs>
- Watch this video demo to learn how to download Respondus LockDown Browser: https://youtu.be/C2NXRkRm_Uk
- Watch this video for a demonstration of how to take a Canvas quiz or exam using Respondus Lockdown Browser + Monitor (these are also found on our Canvas homepage under “Instructional Videos from Dr. Crozier”): https://youtu.be/gF_ZZSHb_Jw

Pearson MyLab and Mastering Issues

- Click on the following link for [Pearson support](#) if you’re having any issues with Pearson, or call **1-844-292-7015** for help.
- Be sure to write down your **case/ticket number** if they do not immediately resolve the issue.

Supplemental Instruction

Our supplemental Instructor is Allie Beck alliebeck@wayne.edu

- Go to our Canvas homepage→select the hyperlink to “Supplemental Instruction (SI)” or go to ‘Modules’ and scroll down to Supplemental Instruction (SI) for all SI related materials.
- The first SI session will be held on Wednesday, January 13th @4:00-5:00pm (Meeting ID: 912 0514 1677; Passcode: 593798)
[Supplemental Instruction Zoom Meeting Link](#)