

BIO 2870 (Anatomy and Physiology)

Course Syllabus

Fall, 2017

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](#)

CLASS MEETING TIME

Tuesday, Thursday 10:00-11:15 AM

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

Tuesdays and Thursdays 12:00-1:45 pm, or by appointment*

EXAMS

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

IClicker/REEF/LEARNING CATALYTICS QUESTIONS**

Throughout the semester and during every lecture I will present questions that students will answer using their iClickers or REEF accounts. 0.5 pts will be given for every answer submitted and an additional 0.5pts for correct answers.

COURSE CREDITS

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

TEXT/BOOKS:

Lecture:

Fundamentals of Anatomy and Physiology, (10th edition) by F.H. Martini and J.L. Nath
masteringaandp.com access*** (Required)

Go to mypearsonstore.com and enter “**Fundamentals of Anatomy and Physiology**”

Lab:

Laboratory Investigations in Anatomy and Physiology, (2nd edition) by S.N. Sarikas
Laboratory Investigations in Anatomy & Physiology,

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 at 8:00-10:00 AM Tuesday December 19th, 2017.

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 >330 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.

IClicker/REEF/LEARNING CATALYTIC* QUESTIONS:

I do not (formally) take attendance to lectures. In class questions will be offered randomly throughout the semester (probably 3-5 questions every class), and will test you on material pertaining to the lecture topic for that class session; therefore attendance is **HIGHLY** recommended. There are no make-up opportunities for missed iClicker/REEF/LC questions as part of their purpose is to motivate participation in the class. Students arriving late for class will not be able to answer missed questions retroactively. I reserve the right to present questions at anytime during any given lecture. The iClicker/REEF/LC points contribute 60 points to your grade. However, I will ask 80 questions during the semester. Any points beyond 60 will count toward your grade. Thus, it is possible to score 520/500 in the lecture portion of the course.

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 (0%) will be considered your lowest grade and dropped. Start preparing now for your first 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. 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:	120
Exam II:	120
Exam III	120
iClicker/REEF:	60 (80)*
Exam IV (Final):	200
Lab	400
Total	1020 (1040)*
Lowest score from Exam I, II, and III	-120
Total	900 (920)*

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

Students will have one (1) week after the return of an 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 a written description (or in-person explanation) 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 BlackBoard by Student ID Number, as soon as possible, following the exam. Select 'Tools' → 'My Grades'. I will update the iClicker/REEF grades after each unit*. The scantron answer key will be posted on blackboard**.

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

If you have a conflict with any of the scheduled class or exam times due to religious reasons, you must notify me in writing by class time or as soon as possible. Any student unable to take a final exam at the scheduled time due to religious convictions shall petition the instructor in advance of the final exam to arrange an alternate time. You must notify me of any such conflict by Oct. 1st

ADD/DROP POLICY

See academic calendar for dates pertaining to add/drop class at:
<http://reg.wayne.edu/students/calendar17-18.php>

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 Pipeline (www.pipeline.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

*Note: Extension centers are part of Wayne State University. If the university closes then the extension centers close. For Harper Woods, classes maintain their regular schedule even if the center is closed (i.e., Harper Woods High School may close for the day, but the center is still open in WSU is not closed).

OTHER

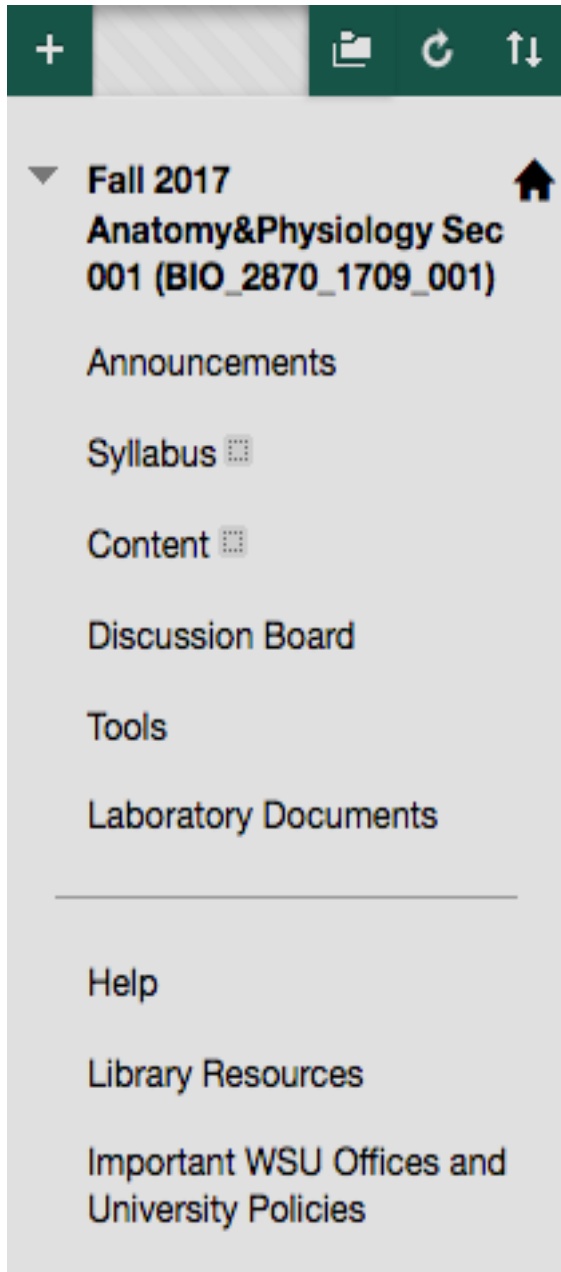
Please turn all cell phones off during class and during exams (unless otherwise instructed, e.g., for REEF polling).

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

<http://www.blackboard.wayne.edu>

This course should appear in your menu if you are correctly registered.
All sections are combined in one web site.



ANNOUNCEMENTS

(Automatically displayed when entering page initially). User instructions, posting dates, other current information; look frequently for any new announcements

SYLLABUS

Both the lecture and lab syllabus are available now in PDF format

CONTENT

There will be several folders under "Contents" ("Lectures" divided into 4 'Units'; "Exams"; etc... Within these folders will be Word Documents, Excel Files, Power Point Presentations, and PDF Files depending on the nature of the item posted.

DISCUSSION BOARD

Open the Forum and Create New Threads to raise questions or make comments for you PEER MENTORS to monitor and respond to

TOOLS

The most important link within the 'Tools' folder is the 'My Grades' link. You can also find a link to email your classmates within this folder.

LAB DOCUMENTS

All material pertaining to labs will be posted here

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 instructor. 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.

Important dates to keep track off:

University Calendar:

<http://reg.wayne.edu/students/calendar16-17.php>

Course Specific Dates:

Exam Dates:

Exam I: September 28th (Thursday)

Exam II: October 31st (Tuesday)

Exam III: November 21st (Tuesday)

Exam IV: December 19th 8:00-10:00 am (Tuesday)

Registration Dates:

Sept. 4th (Mon) – Holiday (no class meetings)

Nov. 22nd-25th (Wed-Sat) – Holiday (no class meetings)

Dec. 11th (Mon) – Last day of class

Dec. 12th (Tues) – Study day

	Day of week	Date	Chapter #
Unit 1	Thurs	Aug. 31st	1: Intro to A&P
	Tues	Sept. 5 th	1: Intro to A&P
	Thurs	Sept. 7 th	4: Cellular Level of Organization
	Tues	Sept. 12 th	4: Tissue Level of Organization
	Thurs	Sept. 14 th	5: Integumentary System
	Tues	Sept. 19 th	5: (...cont'd)
	Thurs	Sept. 21 st	6: Osseous Tissue & Bone Structure
	Tues	Sept. 26 th	6: (...cont'd)
	Thurs	Sept. 28th	Exam I
Unit 2	Tues	Oct. 3 rd	10: Muscle Tissue
	Thurs	Oct. 5 th	10: Muscle Tissue
	Tues	Oct. 10 th	12: Neural Tissue
	Thurs	Oct. 12 th	12: Neural Tissue
	Tues	Oct. 17 th	13: Spinal Cord, Nerves, & Reflexes
	Thurs	Oct. 19 th	13: Spinal Cord, Nerves, & Reflexes
	Tues	Oct. 24 th	13: Spinal Cord, Nerves, & Reflexes
	Thurs	Oct. 26 th	18: Endocrine System (for Unit 3*)
Tues	Oct. 31st	Exam II	
Unit 3	Thurs	Nov. 2 nd	18: Endocrine System
	Tues	Nov. 7 th	19: Blood
	Thurs	Nov. 9 th	19: Blood
	Tues	Nov. 14 th	20: The Heart
	Thurs	Nov. 16 th	20: The Heart
	Tues	Nov. 21st	Exam III
Unit 4	Thurs	Nov. 23rd	Holiday—No class meeting
	Tues	Nov. 28 th	23: Respiratory System
	Thurs	Nov. 30 th	23: Respiratory System
	Tues	Dec. 5 th	24: Digestive System
	Thurs	Dec. 7 th	24: Digestive System
	Tues	Dec. 12th	Study Day
	Tues	Dec. 19th	Final Exam 8:00-10:00 AM