

# **BIO 2870 (Anatomy and Physiology)**

## **Course Syllabus**

### **Spring/Summer, 2018**

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

0146 DeRoy Auditorium  
[DeRoy Auditorium](#)

#### **CLASS MEETING TIME**

Tuesday, Thursday 4:30-6:00 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**

Tuesdays and Thursdays 2:30-4:00pm

#### **EXAMS**

There will be 3 exams (including the final).

#### **ONLINE QUIZZES (weekly\*)**

Throughout the semester I will post online quizzes to [masteringaandp.com](http://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*, (7<sup>th</sup> edition) by F.H. Martini *et al*  
[masteringaandp.com](http://masteringaandp.com) access (Required\*\*) + eText **Course ID: BIO2870CROZIERSS18**

##### **Lab:**

*Laboratory Investigations in Anatomy and Physiology*, (2<sup>nd</sup> edition) by S.N. Sarikas  
*Laboratory Investigations in Anatomy & Physiology*,

## **EXAM DATES**

There will be 3 closed-book examinations, given in class (see below).

**The final exam (Exam III) will be held at 4:30 pm Tuesday July 31<sup>st</sup>, 2018.**

## **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 156 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](http://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](http://masteringaandp.com) quizzes. It will be the responsibility of the student to regularly check the [masteringaandp.com](http://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.

## **EARNING YOUR CURVE:**

Because there are only 3 exams, all three scores will count. An opportunity for earning additional points will come, however, from [masteringaandp.com](http://masteringaandp.com) online quizzes. The [masteringaandp.com](http://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.

<b>Exam I:</b>	<b>100</b>
<b>Exam II:</b>	<b>100</b>
<b>Exam III</b>	<b>200</b>
<b>Masteringanandp.com (120 points available)</b>	<b>100 (120*)</b>
<b>Lab</b>	<b>400</b>
<b>Total</b>	<b>900 (920*)</b>

**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:

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

**EXAM GRADE DISPUTES / CHALLENGE OPTION**

After the return of an exam or quiz students will have until the following exam 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.

## **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 so that mutually agreeable alternatives may be worked out.

## **ADD/DROP POLICY**

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

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 Newline (313) 577-5345 \*
2. WSU Homepage ([www.wayne.edu](http://www.wayne.edu)) \*
3. WSU Pipeline ([www.academica.wayne.edu](http://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

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

## **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

We are switching to Canvas (from Blackboard)

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



Or go to [canvas.wayne.edu](https://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.

**Important dates to keep track off:**

**University Calendar:**

<https://reg.wayne.edu/students/calendar17-18>

**Course Specific Dates:**

**Exam Dates:**

**Exam I: June 5<sup>th</sup> (Tuesday)**

**Exam II: July 10<sup>th</sup> (Tuesday)**

**Exam III (Final): July 31<sup>st</sup> (Tuesday)**

**Registration Dates:**

**May 28<sup>th</sup> (Mon) – Holiday**

**July 4<sup>th</sup> (Wed) – Holiday**

**July 27<sup>th</sup> (Fri) – Last day of class**

**July 28<sup>th</sup> (Sat) – Study day**

	<b>Weekday</b>	<b>Date</b>	<b>Chapter #</b>	
<b>Unit 1</b>	Tues	May 8 <sup>th</sup>	1: Intro to A&P	
	Thurs	May 10 <sup>th</sup>	1: Intro to A&P	
	Tues	May 15 <sup>th</sup>	4: Tissue Level of Organization	
	Thurs	May 17 <sup>th</sup>	4: Tissue Level of Organization	
	Tues	May 22 <sup>nd</sup>	5: Integumentary System	
	Thurs	May 24 <sup>th</sup>	5: Integumentary System	
	Tues	May 29 <sup>th</sup>	6: Osseous Tissue & Bone Structure	
	Thurs	May 31 <sup>st</sup>	6: Osseous Tissue & Bone Structure	
		<b>Tues</b>	<b>June 5<sup>th</sup></b>	<b>Exam I</b>
<b>Unit 2</b>	Thurs	June 7 <sup>th</sup>	7: The Muscular System	
	Tues	June 12 <sup>th</sup>	7: The Muscular System	
	Thurs	June 14 <sup>th</sup>	8: The Nervous System	
	Tues	June 19 <sup>th</sup>	8: The Nervous System	
	Thurs	June 21 <sup>st</sup>	8: The Nervous System	
	Tues	June 26 <sup>th</sup>	8: The Nervous System	
		<b>Thurs</b>	<b>June 28<sup>th</sup></b>	<b>Exam II</b>
<b>Unit 3</b>	Tues	July 3 <sup>rd</sup>	10: Endocrine	
	Thurs	July 5 <sup>th</sup>	10: Endocrine	
	Tues	July 10 <sup>th</sup>	11: Blood	
	Thurs	July 12 <sup>th</sup>	11: Blood	
	Tues	July 17 <sup>th</sup>	15: Respiratory	
	Thurs	July 19 <sup>th</sup>	15: Respiratory System	
	Tues	July 24 <sup>th</sup>	16: Digestive System	
	Thurs	July 26 <sup>th</sup>	16: Digestive System	
		<b>Fri</b>	<b>July 27<sup>th</sup></b>	<b>Last Day of Classes</b>
		<b>Sat</b>	<b>July 28<sup>th</sup></b>	<b>Study Day</b>
		<b>Tues</b>	<b>July 31<sup>st</sup></b>	<b>Exam III</b>