

MCB 246

Human Anatomy & Physiology II

School of Molecular & Cellular Biology
University of Illinois at Urbana-Champaign
mcb246help@life.illinois.edu



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Course Information

MCB 246: HUMAN ANATOMY & PHYSIOLOGY II

Course Instructor & Lecturer

- Dr. Chester Brown (Lecturer and Lecture Coordinator)
email: cmbrown3@illinois.edu
Office & phone: 217B Burrill Hall; 300-8706

Office Hours: TBA

Course Coordinator: J. P. Swigart

phone: 300-1727

course email: mcb246help@life.illinois.edu

Office: 220 Burrill Hall

For administrative issues please email the course email:

mcb246help@life.illinois.edu

MCB Instructional Program Office: Location: 127 Burrill Hall; Phone 244-6239; (8:30-12 PM, 1:00-5:00 PM M-F)

MCB 246 COURSE WEBSITE, MOODLE and CONNECT

Course Web site: www.life.uiuc.edu/mcb/246

Moodle login: <https://learn.illinois.edu/>

Course Gradebook: <https://apps.atlas.illinois.edu/Gradebook/>

McGraw-Hill Connect login (Connect access will be done through our course site in Moodle)

iClicker (formerly REEF): <https://www.iclicker.com/> ; For instructions on how to register in our course site on the iClicker.com website, click [here](#).

Course blog: Course Blog will be handled in Moodle

REQUIRED & RECOMMENDED MATERIALS

The following is a specific list of items required and recommended for MCB 246. These items should be available and should be listed correctly at the Illini Union Bookstore (IUB) and other campus bookstores although they *may not* be available and *it is not guaranteed they will be listed correctly* at any other bookstore. Please pay careful attention to dates and editions when purchasing these items. Any items (other than those specifically named below) listed by bookstores as *optional* or *recommended* have not been previously approved by the course faculty.

REQUIRED TEXTS & SUPPLIES

1. Anatomy & Physiology: an integrative approach, 3rd edition by McKinley, O'Loughlin & Bidle with access McGraw Hill's Connect platform

2. Access to iClicker Reef. For instructions on how to create an account and add our course click [here](#).

RECOMMENDED TEXT

1. The Anatomy Coloring Book, 3rd edition by Kapit & Elson
2. The Physiology Coloring Book, 2nd edition by Kapit, Macey & Meisami

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- Monday, January 28th, 2019 is the deadline for adding MCB 246 for the semester.
- Friday, March 8th, 2019 is the last day to drop the course or to elect the Credit/No Credit option.
- To elect the Credit/No Credit option, students must apply in their College Office.
- To drop the course after the drop deadline, students must petition a Dean in their college office and bring petitions to Mr. Swigart, 220 Burrill Hall, for completion of attendance and grade information.

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WHEN MCB 246 CLASSES BEGIN

Lectures will begin on Tuesday January 15th, 2019, and meet Tuesday and Thursday from 2:00 - 3:20 PM in Foellinger Auditorium.

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GENERAL INFORMATION & POLICIES OF MCB 246

- The course faculty and the TAs are in charge of the orderly conduct of students in discussions and may exclude a student who does not comply with a reasonable request in this regard.
- All students are assumed to have read and understood the *Code Of Policies And Regulations Applying To All Students, University of Illinois*, and will be expected to act accordingly.

The *Code* is available online at: <http://studentcode.illinois.edu/>

- Concerns with any aspect of the course administration should be addressed to Mr. Swigart through mcb246help@life.illinois.edu.
- The faculty and staff of MCB 246 are not responsible for any student personal belongings left during examinations or class periods.

MCB Curriculum Policies

For non-academic campus assistance and support:

- See Office of Diversity, Equity and Access (ODEA) information at the end of this document.

Student Advocacy Resources:

- For student-centered advocacy programs and services visit mcb.illinois.edu/undergrad/advising/resources

Contacting MCB Course Personnel:

- MCB course personnel are more than happy to assist students.
- Emails to instructors, TAs, or course coordinators will only be answered if they come from an @illinois.edu account. We will only use this account in order to protect your educational information and profile. As a student, please remember that when you email a staff member, it is important to include all pertinent information so that we can assist you in the most efficient and effective manner possible. This information includes:
 - The course rubric in the subject line
 - Your full first and last name
 - Your NetID (the first part of your illinois.edu email account)
 - Your UIN (9 digit number that can be found on your ICard)
 - The course that you are concerned about (the course personnel often work with multiple courses)
 - Your section letter/number
 - The previous email "thread" or previous communicated information pertinent to the situation

Your cooperation will help us respond much more quickly to your concerns.

Religious Observances and Practices:

- Students are required to submit the Request for Accommodation for Religious Observances Form (which can be found at <http://odos.illinois.edu/community-of-care/resources/students/religious-observances/>) to their instructors and the Office of the Dean of Students requesting accommodation by the end of the second week of the course. Requests that are not submitted within this time frame may not be granted. Information about accommodations can be found in the Student Code: <http://studentcode.illinois.edu/>.

DRES Accommodations:

- If a student has DRES (Disability Resources and Educational Services) accommodations, documentation must be submitted to course personnel by the end of the second week of class.
- If a student believes that they need DRES accommodations, they should contact DRES at disability@illinois.edu.

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Class Absences:

- Regular class attendance is expected of all students at the University. (http://studentcode.illinois.edu/article1_part5_1-501.html)
- The Office of the Dean of Students will only provide informative letters to instructors for protracted illness of 3 or more days, certain emergencies and to be present during the serious illness of immediate family members (parents, legal guardian, spouse/partner, siblings, children, or grandparents). These letters do not excuse you from class but merely provide information for the instructor to consider with regard to excusing the absence and permitting make-up work. Students must request absence letters from the Office of the Dean of Students after the student

has returned to class but not more than 10 business days after the last date of absence.

- Absences that may be excused without a letter from the Dean of Students Office include circumstances beyond the student's control such as medical treatment, surgery related to prolonged illness or injury, pregnancy, legal matters, citizenship or naturalization processes, or acts of nature which cause destruction to a primary residence or disrupt air travel. All will require documentation.
- Absences that may also be excused without a letter from the Dean of Students Office include job, graduate or professional school interviews, though a best effort should be made to schedule these events to minimize class attendance disruption. All will require documentation.
- Absences planned for the items listed in previous bullet point must be communicated to your instructor or course coordinator at least two weeks in advance of the absence. Failure to do so may result in the loss of opportunity to reschedule the missed class period and the portion of the grade associated with this class period.
- Absences that will not be excused include family events such as reunions or weddings, or presence during serious illness of extended family members (aunt, uncle, niece, nephew, or cousin).
- Absences, when they occur after the first day of classes but prior to enrollment in the course, will require the use of dropped assignments if applicable.
- Class absences before and after vacations (e.g. Thanksgiving Break, Spring Break, 4th of July) are not excusable, except as aforementioned.

Exam Absences:

- If you must miss an exam due to unforeseen circumstances, you are required to contact your instructor or course coordinator within 24 hours of the absence. You will then have 48 hours from the absence in which to submit documentation to your instructor or course coordinator. You must also submit an online Absence Form if one is available on your course website. Course personnel will evaluate documentation and decide whether or not there will be an option to compensate for the missed exam through either a make-up exam or proration. Failure to follow this procedure will result in a zero for the exam.
- If you must miss an exam for job, graduate or professional school interviews, the exam may be prorated. A best effort should be made to schedule these events around exams. You will need to be mindful that only one exam may be prorated in a semester for any and all absences. Documentation will be required.
- There will be instances when the student must make an individual choice about their ability to perform on an exam and will need to accept any and all consequences for that choice.
- If the absence is a result of a protracted illness of 3 days or more, you should follow the procedure for obtaining a letter from the Office of the Dean of Students. The request may be made once the student returns to class but not more than 10 business days after the last date of absence.

Exam Conflicts:

- If you have a regularly scheduled University course that conflicts with the exam, you should complete the online Conflict Exam Request Form on the course website. This request must be made by 5:00 pm not less than 3 business days

prior to the exam. Requests made after 5:00 pm and less than 3 business days prior to the exam will not be granted. See course policies for a specific deadline for your course.

- Work schedules should be adjusted, if at all possible, in order to eliminate a conflict with scheduled exams that occur outside of regular class time. Please plan accordingly at the beginning of the semester. If eliminating a conflict is not possible, the student should complete the online Conflict Exam Request Form on the course website. This request must be made by 5:00 pm not less than 3 business days prior to the exam. Requests made after 5:00 pm and less than 3 business days prior to the exam will not be granted.
- Students that are formally participating in officially recognized groups, such as athletic teams and performing groups, with a conflict should request a conflict exam by 5:00 pm not less than 3 days prior to the exam via the online Conflict Request Form. Formal participation does not include general meetings of RSOs or any other recognized groups. Documentation of the event will be required prior to scheduling the conflict exam. Requests made after 5:00 pm and less than 3 business days prior to the exam will not be granted.
- Students with DRES accommodations should also submit the online Conflict Request Form by 5:00 pm no later than 3 business days prior to the exam. Requests made after 5:00 pm and less than 3 business days prior to the exam will not be granted.

Final Exam Absence:

- If you must miss a final exam due to unforeseen circumstances, you are required to contact your instructor or course coordinator within 24 hours of the absence. You will then have 48 hours from the absence in which to submit documentation to your instructor or course coordinator. You must also submit an online Absence Form if one is available on your course website. Course personnel will evaluate documentation and decide whether or not there will be an option to compensate for the missed exam. Failure to follow this procedure may result in a zero for the exam.
- There will be instances when the student must make an individual choice about their ability to perform on an exam and will need to accept any and all consequences for that choice.
- If the absence is a result of a protracted illness, you should follow the procedure for obtaining a letter from the Office of the Dean of Students. The request may be made once the student recovers but not more than 10 business days after the date of absence.
- Information about final exams can be found in the Student Code: <http://studentcode.illinois.edu/>.

Final Exam Conflict:

- Conflict final exams may only be granted for any one of the following situations:
 - Students with three final exams scheduled within a 24 hour period as defined in Section 82.A.4). Final Examinations of the Code of Policies and Regulations Applying to All Students which can be found at: <http://studentcode.illinois.edu/>.
 - Students who have two final exams scheduled at the same time. Final conflict exam requests should be made to the course with higher enrollment. Course personnel can assist with information to determine which course this would be.

- Students who have a verified personal problem, and who have received written permission to take a conflict final exam from a dean in their college.
 - Students who have DRES academic accommodations.
- Students that find themselves in any of the above situations should complete the online Conflict Final Exam Request Form which can be found on the course website. This request must be made by 5:00 pm on the last day of class in order for the request to be granted. Any requests made after this time may not be granted. If a conflict final exam is granted, it may be scheduled at any time during the final examination period and is at the discretion of the instructor or course coordinator.

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Academic Integrity:

- Science cannot exist without honesty. The faculty and staff in MCB require students, as scientists-in-the-making, to hold the highest standards of scientific and academic conduct. Any form of cheating on any graded work in courses is unacceptable, and will be dealt with as outlined below, and in accordance with the University-wide standards in the Code of Policies and Regulations Applying to All Students.
- We require that all graded work be entirely your own, and that anything you write using the words of other writers be correctly attributed. Some specific points follow.
- On exams, the answers that your turn in for grading must be your own, formulated during the exam from your own understanding of the material and without any supporting information, be it written, verbal or electronic. Copying the work of another student, or allowing another to copy your work, or copying work from any other source, is unacceptable. Since we cannot always monitor you as you complete your work, we must rely upon appearance of your work from which to judge. If the work you submit resembles that of another student or another source too closely, we may conclude that it was not your original work. Always make a conscious effort to complete your work on your own and to protect it from the view of others, in order to ensure that it will be seen as your own. Failure to adhere to these standards for any portion of an exam may result in a grade of zero for the entire exam or quiz for all persons involved.
- Texting, or the use of a cell phone for any purpose, during a quiz or exam is prohibited. Doing so may earn you a zero or a more extreme penalty on the quiz or exam at the discretion of the instructor.
- Use of any social or electronic media to share information, request information or make confidential information public is prohibited. Any use of this type may earn you a zero on the exam or a more extreme penalty at the discretion of the instructor.
- On written or electronic assignments, the answers that you turn in for grading must be written in your own words, formulated from your own understanding of the material. While you may be working with other students in the course, you must formulate and submit your own answers. Copying or paraphrasing the work of another student, or allowing another to copy or paraphrase your work, is unacceptable. Since we cannot monitor you as you complete your work, we have only the appearance of your work from which to judge. If the work you submit resembles that of another student too closely, we may conclude that it was not your original work. Always make a conscious effort to complete your work on your own and to protect it from the view of others, in order to ensure that it will be seen as your own. You must also make a conscious effort to protect your passwords

and accounts. Failure to adhere to these standards may result in a grade of zero for the entire assignment for all persons involved.

- On written or electronic assignments, if you use a statement taken directly from any book or other publication, including the course textbook, you must provide a citation. That is, you must put the text in quotes and put the author of the publication in parentheses after the quotation. Failure to do so will result in zero credit for that answer. Further, using only the words of another author as your entire answer or as the majority of your answer to any question is never sufficient to earn credit. If the majority of your work has been taken directly from a publication, you are likely to receive no credit for the work, since you would not be demonstrating knowledge beyond the ability to copy. Even if you quote another, your answer must be substantially your own words, drawn from your own understanding of the material.

Social Media Use:

- Use of any social or electronic media to share course information, request course information or make confidential course information public is prohibited. Any use of this type may earn you a zero or a more extreme penalty at the discretion of the instructor on an assignment or exam.
- Any social media sites created in relation to MCB courses must grant access to course personnel upon request. Failure to provide access will result in a failing grade in the course for the group/site's administrator(s).

Course Recordings:

- Students are welcome and encouraged to make audio recordings of course lectures.
- The material recorded is intellectual and copyrighted property of the University of Illinois Board of Trustees and may be made for personal use only.
- Video recordings of any kind are strictly prohibited.
- Posting of audio recordings or transcriptions on social or electronic media platforms is strictly prohibited.

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University Information on Student Safety

Active Threats:

- General Emergency Response Recommendations (Emergency Response Guide):
- Security Threat. The Department of Homeland Security and the University of Illinois at Urbana-Champaign Office of Campus Emergency Planning recommend the following three responses to any emergency on campus: **RUN > HIDE > FIGHT**
- Only follow these actions if safe to do so. When in doubt, follow your instincts - you are your best advocate!

RUN: Action taken to leave an area for personal safety.

- Take the time to learn the different ways to leave your building before there is an emergency.
- Evacuations are mandatory for fire alarms and when directed by authorities! No exceptions!
- Evacuate immediately. Pull manual fire alarm to prompt a response for others to evacuate.
- Take critical personal items only (keys, purse, and outerwear) and close doors behind you.
- Assist those who need help, but carefully consider whether you may put yourself at risk.
- Look for Exit signs indicating potential egress/escape routes.
- If you are not able to evacuate, go to an Area of Rescue Assistance, as indicated on the front page of this plan.
- Evacuate to Evacuation Assembly Area.
- Remain at Evacuation Assembly Area until additional instructions are given.
- Alert authorities to those who may need assistance.
- Do not re-enter building until informed by emergency response personnel that it is safe to return.
- Active Threat: IF it is safe to do so, run out of the building. Get as far away as possible. Do NOT go to the Evacuation Assembly Area.

HIDE: Action taken to seek immediate shelter indoors when emergency conditions do not warrant or allow evacuation.

Severe Weather:

- If you are outside, proceed to the nearest protective building.
- If sheltering-in-place due to severe weather, proceed to the identified Storm Refuge Area or to the lowest, most interior area of the building away from windows or hazardous equipment or materials.

Active Threat:

- Lock or barricade your area.
- Get to a place where the threat cannot see you.
- Place cell phones on silent.
- Do not make any noise.
- Do not come out until you receive an Illini-Alert advising you it is safe.

FIGHT: Action taken as a last resort to increase your odds of survival.

- Active Threat: If you cannot run away safely or hide, be prepared to fight with anything available to increase your odds for survival.

We Care at Illinois:

- For sexual misconduct support, response and prevention visit wecare.illinois.edu

Title IX makes it clear that violence and harassment based on sex and gender are Civil Rights offenses subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, etc. If you or someone you know has been harassed or assaulted, you can find the appropriate resources here:

- http://oiir.illinois.edu/sites/prod/files/SexualMisconduct_ResourceGuide.pdf
- University Police Department, Emergency, 9,-911; Non-emergency, 217.333.8911
- Counseling Center, 110 Student Services Bldg., 610 E. John St., 217.333.3704

- McKinley Health Center, General Information, 217.333-2701
- McKinley Mental Health Center, 1109 S. Lincoln, 217.333.2705
- Dean of Students, 300 Turner Students Services Bldg, 610 E. John St., 217.333.0050
- Local Sexual Assault Center, RACES, 217.384.4444
- Women's Resources Center, 703 South Wright Street, 2nd Floor, 217-333-3137

The Office of Diversity, Equity and Access (ODEA):

- For non-academic support visit diversity.illinois.edu
- Discrimination & Harassment Prevention
- Title IX
- Accessibility & Accommodations
- Inclusive Illinois

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MCB 246 WEB GRADEBOOK

The MCB 246 Web Gradebook can be accessed directly at:

<https://apps.atlas.illinois.edu/Gradebook/>

or through the MCB 246 Web site at:

<http://www.life.illinois.edu/mcb/246>

Scores on exams and assignments will be available for student review on the MCB 246 Web Gradebook. To check your scores, sign into the MCB 246 Web site and click on the Gradebook link and follow the instructions presented there. All students are responsible for checking their scores on the Web Gradebook after each exam and assignment is returned to them. Each student is responsible for reporting possible discrepancies to Mr. Swigart (mcb246help@life.illinois.edu) within one week of receiving their graded assignment or exam score.

The deadline for grade corrections on all items is one week after corrected items are returned or grades are received - **NO EXCEPTIONS!**

Students are encouraged to keep all graded papers returned to them until after final grades are issued.

The final deadline for Web Gradebook corrections is 5:00 PM, Wednesday, May 1st, 2019.

No Web Gradebook scores will be altered after this deadline so please be certain to check all your scores before this time.

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COURSE GRADING

WEEKLY ON-LINE HOMEWORK ASSIGNMENTS AND FOLLOW-UP ASSIGNMENTS

Weekly homework assignments:

There will be a total of 12 weekly assignments to be completed online in our course site in Connect. Of these 12 assignments, the 2 lowest scores will

dropped and only the top 10 scores will be counted towards your grade. Each assignment is worth 25 points for a total of 250 points.

Each assignment will cover material covered in the current week's lecture (see course syllabus for content and deadlines). Your weekly assignments will be accessible beginning on Friday at 9pm and due the following Tuesday at 9pm. These assignments are timed, unlike the pre-lecture reading assignments and once you open the assignment, you will have 3 hours in which to complete it. Please be advised that difficulty accessing our course site in Connect, inability to find an open computer lab, or other computer issues will not suffice to extend this deadline. Please be sure to finish your assignments early, to avoid missing the Tuesday 9 PM deadline. **Please note that you must begin the weekly homework assignment by 6:00 PM on Tuesday at the latest in order to receive the full 3 hours allotted.**

Please be advised that difficulty accessing the server, inability to find an open computer lab, or other computer issues will not suffice to extend this deadline. Please be sure to finish your assignments early, to avoid missing these deadlines!

Optional LearnSmart Study Modules: Note that during each week, there will be one or a series of LearnSmart Study modules available to complete. These study modules are *optional* and are not required but have been constructed to allow you the opportunity to do some individual self-guided studying and review of the current week's material. The study modules are individualized to each student and are intended to provide you with the opportunity to go review and learn the relevant content by answering questions. They will also help you to prepare for the exams. While these study modules are optional, successful completion of them by the due dates listed on the syllabus, will allow you the opportunity to earn 3 points (not to exceed the 25 point maximum) back on the corresponding week's homework assignment. For weeks with multiple study modules assigned, all modules must be complete before the weekly deadline in order have the opportunity to earn the 3 points back towards that week's homework assignment. Note that the study modules will continue to be accessible beyond the 1 week deadline but not available for points towards the homework assignments.

Once the answers are posted and your assignment is graded, if a student believes that an error has been made, it should be brought to Mr. Swigart's attention by sending an email to mcb246help@life.illinois.edu. The deadline for submitting regrade requests is one week from release of the scores for the assignment.

EXAMINATIONS

Exams will be a combination of multiple choice, true-false and/or matching format. Material for lecture exams will be drawn from the lectures, lecture materials, associated text readings, reserved reading and any additional supplemental materials Dr. Brown specifies. Dr. Brown will provide students with information regarding the content of specific exams.

All exams are computer graded and the grades are entered into the Web Gradebook electronically. Exam grades and errata sheets will be available within one week of the exam. It is the student's responsibility to make certain that the grade in the Web Gradebook is correct. All student scantron sheets are retained for grade confirmation if necessary. **If a student believes that there is an error in their posted score or an error with an exam question(s), it should be brought to the attention of the MCB staff immediately by sending an email to mcb246help@life.illinois.edu by filling out the appropriate exam regrade form in Moodle. All regrade**

exam requests must be submitted within one week of the release of exam answers.

The final exam is the property of the University and will not be returned to students, nor are answers posted or made available in any way. Should a student feel that an error has been made in the grading of the final exam, that student should contact J. P. Swigart.

EXAM INSTRUCTIONS

1. Exams I, II and III will be given on Wednesday evenings (see *the course syllabus* for exam dates). Arrive early; the exams will begin at 7:00 PM sharp. The exams will cover material from lecture and any assigned readings or supplemental materials provided by the Dr. Brown. Please see the Exam Resources tabs for each exam in our course site in Moodle for any further details concerning each exam.
2. Bring your University photo ID, several sharp #2 pencils, and an eraser. You will not need a calculator to complete these exams. No calculators will be allowed in the exam room.
3. Please do not bring to the exam any backpacks, purses, hats, bags, books, notes, papers, clipboards, musical instruments, or *anything* other than the items listed in number 3 above; you will be allowed to enter the exam room with these items, but they will be placed away from student seating during the exam. No one will be monitoring who deposits and collects these personal effects, so thefts and mistaken identification of belongings can occur. We urge you not to bring valuables to the exam room. You will be asked to place all jackets/coats completely under the chair in which you are seated. In the case that the floor of the exam room is wet, you will be allowed to place jackets/coats at the front or back of the room during the exam.

The MCB 246 faculty/staff are not responsible for any of your personal belongings. We strongly suggest you do not bring them to the exam site. The Illini Union Bookstore has lockers available for temporary storage of such items if you are unable to leave them at home prior to an exam.

4. If you are ill or incapacitated on the day of an exam, you are urged to seek assistance at McKinley Health Center or elsewhere as needed. If you need to miss the exam, please email Mr. Swigart (mcb246help@life.illinois.edu) or call (300-1727) and advise him of your situation.

NOTE: If you choose to attend an exam while suffering from illness or family/personal emergency, that exam determines your score.

Note: only one exam will be prorated during the course of the semester. Absences from multiple exams will result in submission of a zero for the additional missed exam(s).

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EXAM DATES

Exam	Time	Day	Date
Exam I	7pm - 9pm	Wednesday	February 13

Exam II	7pm - 9pm	Wednesday	March 13
Exam III	7pm - 9pm	Wednesday	April 17
Final Exam	1:30pm - 4:30pm	Tuesday	May 7

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PRE-LECTURE READING ASSIGNMENTS

Prior to each class period, there will be a short pre-lecture reading assignment in Connect. The assignment will consist of a series of short questions designed to cover some topics which will be addressed in the following day's lecture. These assignments will open on Friday at 9pm the week before the scheduled lectures and will be due on Monday evenings (for the Tues lecture) and Wednesday evenings (for the Thursday lecture) at 9pm. Each pre-lecture reading assignment will be worth 5 points and at the end of the semester we will take the highest 20 scores which will be used to determine your grade (100 points total).

IN-CLASS INTERACTIVE DISCUSSIONS

Throughout the semester during lectures, Dr. Brown will periodically present students with review/synthesis questions during class to assess student learning on lecture material. These questions will be answered using the REEF polling software required for the course so it is important that students bring a web-enabled device (smartphone, laptop, etc.). For most class periods, grading will be based on the following criteria:

- concept review question presented at the beginning of each class period
- multiple-choice/open ended questions presented during class
- concept review question(s) presented at the end of the class period

For the entire semester, a total of 100 points will be awarded based on these in-class questions/discussions. At the end of the semester Dr. Brown will award points based on the percentage of responses. **Note: a minimum of 80% attendance rate will be required in order to receive the maximum of 100 points. Percentages less than 80% will be scaled accordingly.**

All iClicker administration for MCB 244 is done via the company's website.

ONLINE WIKI

During the last 3/4 of the semester, you will participate in a group collaborative project where you will construct and develop an online wiki. The overall goal of this project is to facilitate collaborative instruction and learning with an emphasis on how to engage in basic scholarly research by reviewing scientific literature on a specific topic and collecting, organizing and

presenting the material in a venue which allows others to learn from your findings.

You will work in small-group setting with your peers on a topic related to the physiological systems covered this semester. As part of your overall grade on the wiki project, you will do the following:

- Working in small groups (6-8 students) you will develop a wiki based on a topic you've chosen from the list below
- You will construct your wiki which will be made available to the class for evaluation
- You will evaluate a wiki constructed by your peers

This wiki is worth 50pts in total and will constitute 5% of your overall course grade. More specific details associated with the wiking including the grading rubric, timetable for completion and construction space can be found in Moodle.

The list of topics available for the wiki project will be presented in Moodle. Each of these topics relates to one of the major physiological system covered in MCB 246 (endocrine, cardiovascular, lymphatic, digestive, respiratory, urinary, reproductive). Because most of you are planning on careers in medicine or allied health fields, we've selected topics applicable to practitioners of those vocations.

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SUMMARY OF COURSE GRADES

Student grades in MCB 246 will be based on total of 1000 points.

In-class interactive discussion points (Concept checks)	100
3 Lecture Exams	375 (125 pts each)
Final Exam	125
Pre-lecture chapter homework assignments	100 (count highest 20 @ 5pts each drop 2 lowest)
Weekly homework assignments and LearnSmart Study Modules	250 (10 out of 12 @ 25pts each: drop 2 lowest scores)
Online wiki project	50
Total	1000 points

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MCB 246 Standard Grade Scale

Letter Grade	Point Ranges	Grade Point Value
A+	950-1000	4.000
A	930-949	4.000
A-	900-929	3.667
B+	870-899	3.333
B	830-869	3.000
B-	800-829	2.667
C+	770-799	2.333
C	730-769	2.000
C-	700-729	1.667
D+	670-699	1.333
D	630-669	1.000
D-	600-629	0.667
F	<600	0.000

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MCB 246

Human Anatomy & Physiology II

School of Molecular and Cellular Biology
University of Illinois at Urbana-Champaign
mcb246help@life.illinois.edu



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What To Do If You Must Be Absent

Course Grading Structure

Statement on Academic Integrity

Forms

Examination

Gradebook

Latest Announcements

Moodle

Link to MCB 247

Forms

	Dates	Chapters/Topics
Week 1	Jan 15	Course Intro/Policies
	Jan 17	Chapter 18 – CV system (Blood): Composition and Functions of Blood
Week 2	Jan 22	Chapter 18 – Hemostasis Chapter 19 – CV system (Heart): Overview; Anatomy; Conducting System
	Jan 24	Chapter 19 – CV system (Heart): Cardiac Cycle, Cardiac Output Chapter 20 – CV system (Vessels): Structures; Exchange, Blood Flow
Week 3	Jan 29	Chapter 20 – CV system (Vessels): BP regulation; Anatomy
	Jan 31	Chapter 20 – CV system (Vessels): Anatomy con't Chapter 21 – Lymphatic system: Lymphatic structures
Week 4	Feb 5	Chapter 21 – Lymphatic system: Lymphatic structures con't Chapter 22 – Immunity: Overview; Innate Defenses
	Feb 7	Chapter 22 – Immunity: Specific (Adaptive) Defenses
Week 5	Feb 12	Exam Review - in class
	Feb 13	Exam 1 7:00pm – 9:00pm (Chapters 18-22)
	Feb 14	Chapter 26 – Digestive system: Overview: Upper GI (mouth stomach)
Week 6	Feb 19	Chapter 26 – Digestive system: Lower GI: Accessory Organs, small and large intestine; nutrient digestion/absorption
	Feb 21	Chapter 26 – Digestive system: Nutrient digestion/absorption

		Chapter 27 – Metabolism: Overview; Absorptive & Post-absorptive states
Week 7	Feb 26	Chapter 27 -Metabolism: BMR & Temperature Regulation
	Feb 28	Chapter 23 – Respiratory system: Overview; Anatomy of upper and lower respiratory structures and lungs;
Week 8	Mar 5	Chapter 23 – Lower respiratory structures con't; Ventilation
	Mar 7	Chapter 23 – Respiratory system: Gas Exchange; Gas Transport
Week 9	Mar 12	Exam Review – in class
	Mar 13	Exam 2 7:00pm – 9:00pm (Chapters 26, 27, 23)
	Mar 14	Chapter 17 – Endocrine system: Overview; Hormones; Transport; Hormone Mechanisms of Action; Hypothalamus and Pituitary
Week 10	Mar 18 - 22	Spring Break
Week 11	Mar 26	Chapter 17 – Endocrine system: Endocrine glands - Thyroid; Adrenal; Pancreas
	Mar 28	Chapter 24 – Urinary system: Overview, Anatomy, formation of filtrate; GFR
Week 12	April 2	Chapter 24 – Urinary system: regulation of GFR; Urinary processes of the tubules and collecting ducts
	April 4	Chapter 24 – Urinary system: renal processes of collecting ducts con't
Week 13	April 9	Chapter 25 – Fluid and Electrolyte Balance: Body Fluid composition and fluid balance
	April 11	Chapter 25 – Fluid and Electrolyte Balance: Hormonal regulation; Acid-Base Balance
Week 14	April 16	Exam Review – in class
	April 17	Exam 3 7:00 – 9:00 (Chapters 17, 24 and 25)
	April 18	Chapter 28 – Reproductive system: Overview; Males vs Females; Overview of gametogenesis
Week 15	April 23	Chapter 28 – Reproductive system: Male reproductive structures; spermatogenesis

	April 25	Chapter 28 – Reproductive system: Female reproductive structures; oogenesis and the ovarian cycle
Week 16	April 30	Chapter 29 – Overview of Gestational Development
	May 2	Reading Day
	May 7	Final Exam 1:30p-4:30p

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