MCB 244
Human Anatomy & Physiology I

Course Information

MCB 244: HUMAN ANATOMY & PHYSIOLOGY I FALL 2019

Lecture schedule
Tuesday and Thursday 2:00PM to 3:20PM
Location: Foellinger Auditorium

Instructor
- Dr. Chester Brown
  email: cmbrown3@illinois.edu
  Office & phone: 217B Burrill Hall; 217-300-8706
  Office Hours: TBA

Course Coordinator
- Mr. J. P. Swigart
  course email: mcb244help@life.illinois.edu
  Office & phone: 220 Burrill Hall; 217-300-1727

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

MCB 244 COURSE WEBSITE, MOODLE AND CONNECT

Course Web site: www.life.illinois.edu/mcb/244
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)

Course blog: Our course blog will be administered through our course Moodle site.

REQUIRED & RECOMMENDED MATERIALS

The following is a specific list of items required and recommended for MCB 244. These items should be available and should be listed correctly at the Illini Union Bookstore (IUB) although they may not be available and it is not guaranteed they will be listed correctly at any other bookstores or online sites. 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

Anatomy & Physiology: an integrative approach, 3rd edition by McKinley, O'Loughlin & Bidle with access McGraw Hill's Connect platform. A bundled package which includes both the e-text and Connect can be purchased through the University of Illinois bookstore and is highly recommended.

RECOMMENDED TEXTS

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

SECTION CHANGE, ADD AND DROP INFORMATION
Monday, September 9th, 2019 is the deadline for adding MCB 244 for the Fall semester.

Friday, October 18th, 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.

WHEN MCB 244 CLASSES BEGIN

Lectures will begin on Tuesday August 27th, 2019 and meet Tuesday and Thursday from 2pm - 3:20pm in Foellinger Auditorium.

GENERAL INFORMATION & POLICIES OF MCB 244

- 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 mcb244help@life.illinois.edu.

- The faculty and staff of MCB 244 are not responsible for any student personal belongings left during examinations or class periods.

MCB Curriculum Policies

Policies:

- Unfamiliarity with policies is not a defense for not knowing what they cover.

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/](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/](http://studentcode.illinois.edu/).

DRES Accommodations:

- We are committed to providing a learning environment where our students can succeed. If you require special accommodations, please contact us and the Disability Resources and Educational Services (DRES) as soon as possible. To contact DRES, you may visit 1207 S. Oak Street, Champaign, call 217.333.4603, or email disability@illinois.edu. We will try to meet all accommodations once the process has started. Please note that accommodations are not retroactive to the beginning of the semester, but begin the day you contact your professor, instructor or coordinator with a current letter of accommodation from DRES.
- If a student believes that they need DRES accommodations, they should contact DRES at disability@illinois.edu.

Class Absences:

- Regular class attendance is expected of all students at the University. ([http://studentcode.illinois.edu/article1_part5_1-501.html](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/article3_part2_3-201.html](http://studentcode.illinois.edu/article3_part2_3-201.html).

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/article3_part2_3-201.html.
  ○ 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 (Wednesday July 31,
  2019) 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.

Grades:

• Each course has a grade scale. The grade you earn in the course will be based on
  the points that you earn. Effort is reflected in points earned. We will adhere to the
  grade scale when assigning grades in order to avoid capriciousness and to adhere to
  fairness and equity for all students.

Academic Integrity:

• The Code of Policies and Regulations Applying to All Students will be applied in all
  instances of academic misconduct committed by students. This applies to all exams,
  presentations, assignments and materials distributed or used in this course. You can
  review these policies at the following website:
  http://admin.illinois.edu/policy/code/index.html and specifically here:
  http://studentcode.illinois.edu/article1/part4/1-401/

• 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.

• 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 you 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.

Student Resources/Where to go for Help:

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

Safety and Emergency:

University Police Department, Emergency, 9-911; Non-emergency, 217-333-8911
University Fire Department Emergency, 9-911
Crisis Line, 217-359-4141
Emergency Dean, 300 Turner Student Services Bldg., 610 E. John St., 217-333-0050
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
Rape Crisis 24-hour Hotline, 217-384-4444
Suicide & Psychological Emergency, Suicide Prevention Team, 217-333-3704
SafeRides (free nighttime campus ride program), 217-265-RIDE (265-7433)
SafeWalks (free walking escort service by Student Patrol), 217-333-1216

Student Services and Advocacy
Office of the Dean of Students, 300 Student Services Bldg., 610 E. John St., 217-333-0050

Classroom Support, Teaching Skills, and Instructional Strategies
Center for Innovation in Teaching & Learning, 249 Armory Building, 217-333-1462
Counseling Services
Counseling Center, 110 Student Services Bldg., 610 E. John St., 217-333-3704
McKinley Mental Health Center, 1109 S. Lincoln Ave., 217-333-2701
Psychological Services Center, 3rd Floor, 505 E. Green St., 217-333-0041

Disability Services
Disability Resources and Educational Services (DRES), 1207 S. Oak St., 217-333-1970

Lesbian, Gay, Bisexual, Transgender Resource Center
LGBT Resource Center, 323 Illini Union, 1401 W. Green St., 217-244-8863

Veterans Services
Veteran Student Support Services, Office of the Dean of Students, 610 E. John St., 217-333-0050
Center for Wounded Veterans in Higher Education, 908 W. Nevada St., 217-300-3515

General Study Skills Assistance
Office of Minority Student Affairs, 130 Student Services Bldg., 610 E. John St., 217-333-0054
Office of Minority Student Affairs Tutoring Services, 701 S. Gregory Dr., Suite 1, 217-333-7547
Writer's Workshop, 251 Undergraduate Library, 1402 W. Gregory Dr., 217-333-8796
**Additional academic assistance may be available through individual departments

Health Resources
Health Education, McKinley Health Center, 1109 S. Lincoln Ave., 217-333-2701
Alcohol & Other Drug Office, 2nd Floor Counseling Center, 610 E. John St., 217-333-7557
Sexual Health Educator, McKinley Health Center, 1109 S. Lincoln Ave., 217-333-2714
Dial-A-Nurse, McKinley Health Center (24-hour), 1109 S. Lincoln Ave., 217-333-2700
Health Resource Center, McKinley Health Center, 1109 S. Lincoln Ave., 217-333-6000
Health Resource Center, Room 40 Illini Union, 1401 W. Green St., 217-244-5994
McKinley Health Center, General Information, 1109 S. Lincoln Ave., 217-333-2701

Sexual Harassment/Assault & Acts of Intolerance/Hate Crimes
Office of the Dean of Students, 300 Students Services Bldg., 610 E. John St., 217-333-0050

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 244 WEB GRADEBOOK

The MCB 244 Web Gradebook can be accessed directly at:

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

or through the MCB 244 Web site at:

http://www.life.illinois.edu/mcb/244

Scores on exams and assignments will be available for student review on the MCB 244 Web Gradebook https://apps.atlas.illinois.edu/Gradebook/. To check your scores, sign into the MCB 244 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 (mbc244help@life.illinois.edu) within one week of receiving their graded assignment or exam score. 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 December 11th, 2019.

No regrade requests will be accepted after this deadline so please be certain to check all your scores before this time.

COURSE GRADING

WEEKLY ON-LINE HOMEWORK ASSIGNMENTS AND LEARNSMART STUDY MODULES

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 once you open the assignment, you will have 3 hours in which to complete it. 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 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 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 50 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 J. P. Swigart's attention by sending an email to mcb244help@life.illinois.edu. All regrade submissions must be requested within one week of the release of the assignment's grade.

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, online videos, 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 mcb244help@life.illinois.edu. 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 Dr. Brown.

**EXAM DATES**

Room Locations: 107 Burrill Hall

<table>
<thead>
<tr>
<th>Exam</th>
<th>Time</th>
<th>Day</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam I</td>
<td>7pm - 9pm</td>
<td>Wed</td>
<td>9/25</td>
</tr>
<tr>
<td>Exam II</td>
<td>7pm - 9pm</td>
<td>Wed</td>
<td>10/23</td>
</tr>
<tr>
<td>Exam III</td>
<td>7pm - 9pm</td>
<td>Wed</td>
<td>11/20</td>
</tr>
<tr>
<td>Final Exam</td>
<td>8am - 11am</td>
<td>Wed</td>
<td>12/18</td>
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**PRE-LECTURE READING ASSIGNMENTS**

Prior to most class periods, 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 and Wednesday evenings 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 online in real-time using Slido polling software. For most class periods, grading will be based on the following criteria:

- participation in concept review question presented during class
- multiple-choice/open ended questions presented throughout the class period
- Q & A sessions presented during class

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/participation**
ONLINE WIKI

During the middle third 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 wikiing including the grading rubric, timetable for completion and construction space can be found in Moodle.

The list of topics for the wiki project will be made available when the wiki project opens. Each of the available topics relates to a major physiological system covered in MCB 244 (integument, muscular, skeletal, nervous). Because most of you are planning on pursuing careers in medicine or allied health fields, we’ve selected topics applicable to practitioners of those vocations.

List of wiki topics by physiological system will be provided later during the semester in Moodle.

SUMMARY OF COURSE GRADES

Student grades in MCB 244 will be based on total of 1000 points.

<table>
<thead>
<tr>
<th></th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-class interactive discussion points (Concept checks)</td>
<td>100</td>
</tr>
<tr>
<td>3 Lecture Exams (125 pts each)</td>
<td>375</td>
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<tr>
<td>Final Exam</td>
<td>125</td>
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<tr>
<td>Pre-lecture chapter homework assignments (count highest 20 @ 5pts each)</td>
<td>100</td>
</tr>
<tr>
<td>Weekly homework assignments and LearnSmart (10 out of 12 @ 25pts each: drop 2 lowest scores)</td>
<td>250</td>
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<tr>
<td>Online Wiki</td>
<td>50</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1000</strong></td>
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</tbody>
</table>

All point totals are estimates and may be altered slightly throughout the course of the semester.

The point totals contained in the following table represent the use of the plus/minus grading system coupled with a 4.0 grade point system. The grade point values shown for each letter grade have been assigned by the University. Students who earn the points shown below (out of 1000 possible points), will be guaranteed the indicated letter grade. At semester’s end, after the final exam, Dr. Brown...
**MCB 244 Standard Grade Scale**

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Point Ranges</th>
<th>Grade Point Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>950-1000</td>
<td>4.000</td>
</tr>
<tr>
<td>A</td>
<td>930-949</td>
<td>4.000</td>
</tr>
<tr>
<td>A-</td>
<td>900-929</td>
<td>3.667</td>
</tr>
<tr>
<td>B+</td>
<td>870-899</td>
<td>3.333</td>
</tr>
<tr>
<td>B</td>
<td>830-869</td>
<td>3.000</td>
</tr>
<tr>
<td>B-</td>
<td>800-829</td>
<td>2.667</td>
</tr>
<tr>
<td>C+</td>
<td>770-799</td>
<td>2.333</td>
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<tr>
<td>C</td>
<td>730-769</td>
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<tr>
<td>C-</td>
<td>700-729</td>
<td>1.667</td>
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<tr>
<td>D+</td>
<td>670-699</td>
<td>1.333</td>
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<tr>
<td>D</td>
<td>630-669</td>
<td>1.000</td>
</tr>
<tr>
<td>D-</td>
<td>600-629</td>
<td>0.667</td>
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<tr>
<td>F</td>
<td>&lt;600</td>
<td>0.000</td>
</tr>
</tbody>
</table>
## Course Information

### Course Syllabus - FALL 2019

#### Tentative Calendar of Topics

For specific course details (links to assigned readings, lecture slides and videos) see the individual weekly tabs in Moodle.

### Fall 2019 Tentative Calendar of Topics

<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Chapters/Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Aug 27</td>
<td>Course Intro/Policies</td>
</tr>
<tr>
<td></td>
<td>Aug 29</td>
<td>Chapter 1 – Anatomy and Physiology Themes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chapter 2 - Ions, Solutions and Molecules</td>
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<tr>
<td>2</td>
<td>Sep 3</td>
<td>Chapter 2 – Ions, Solutions and Molecules con't</td>
</tr>
<tr>
<td></td>
<td>Sep 5</td>
<td>Chapter 3 – Energy, Rxns and Cellular Respiration</td>
</tr>
<tr>
<td></td>
<td>Sep 5</td>
<td>Chapter 3 – Energy, Rxns and Cellular Respiration con't</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chapter 4 - Cellular Level of Organization</td>
</tr>
<tr>
<td>3</td>
<td>Sep 10</td>
<td>Chapter 5 – Tissue organization</td>
</tr>
<tr>
<td></td>
<td>Sep 12</td>
<td>Chapter 5 – Tissue organization con’t</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chapter 6 – Integumentary System</td>
</tr>
<tr>
<td>4</td>
<td>Sep 17</td>
<td>Chapter 6 – Integumentary System</td>
</tr>
<tr>
<td></td>
<td>Sep 19</td>
<td>Chapter 7 – Review; Bone Physiology (Tentative)</td>
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<tr>
<td>5</td>
<td>Sep 24</td>
<td>Exam Review - in class</td>
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<tr>
<td></td>
<td>Sep 25</td>
<td>Exam 1 7:00 – 9:00 (Chpts 1 – 6)</td>
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<tr>
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<td>Sep 26</td>
<td>Chapter 7 – Bone Physiology</td>
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<tr>
<td>6</td>
<td>Oct 1</td>
<td>Chapter 8 – Anatomy of the Skeletal System</td>
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<tr>
<td></td>
<td>Oct 3</td>
<td>Chapter 8 – Anatomy of the Skeletal System</td>
</tr>
<tr>
<td>7</td>
<td>Oct 8</td>
<td>Chapter 8 – Anatomy of the Skeletal System</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chapter 12 – Neural Tissue</td>
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<tr>
<td></td>
<td>Oct 10</td>
<td>Chapter 12 – Neural Tissue con't</td>
</tr>
<tr>
<td>8</td>
<td>Oct 15</td>
<td>Chapter 13 – Brain &amp; Cranial Nerves</td>
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<tr>
<td></td>
<td>Oct 17</td>
<td>Chapter 13 – Brain &amp; Cranial Nerves</td>
</tr>
<tr>
<td>9</td>
<td>Oct 22</td>
<td>Exam Review – in class</td>
</tr>
<tr>
<td></td>
<td>Oct 23</td>
<td>Exam 2 7:00 – 9:00 (Chpts 7, 8, 12 and 13)</td>
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<tr>
<td></td>
<td>Oct 24</td>
<td>Chapter 14 – Spinal Cord Tracts &amp; Peripheral Nerves</td>
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<tr>
<td>10</td>
<td>Oct 29</td>
<td>Chapter 14 – Spinal Cord: Motor pathways</td>
</tr>
<tr>
<td>Week 11</td>
<td>Nov 5</td>
<td>Chapter 11 – Muscles of Muscles of the Upper Limbs</td>
</tr>
<tr>
<td>Week 11</td>
<td>Nov 7</td>
<td>Chapter 11 – Muscles of the Upper con’t; Muscles of the Lower Limbs</td>
</tr>
<tr>
<td>Week 12</td>
<td>Nov 12</td>
<td>Chapter 10 – Muscle Cell Physiology; Organization, Function, Regulation &amp; Reflexes</td>
</tr>
<tr>
<td>Week 12</td>
<td>Nov 14</td>
<td>Chapter 10 – Muscle Tissue Physiology Energetics &amp; Strength</td>
</tr>
<tr>
<td>Week 13</td>
<td>Nov 19</td>
<td>Exam Review – in class</td>
</tr>
<tr>
<td>Week 14</td>
<td>Nov 20</td>
<td>Exam 3 7:00 – 9:00 (Chpts 14, 10 ,11)</td>
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<tr>
<td>Week 14</td>
<td>Nov 21</td>
<td>Chapter 15 – Autonomic Nervous System</td>
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<tr>
<td>Week 14</td>
<td>Nov 25-29</td>
<td>Thanksgiving Break</td>
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<tr>
<td>Week 15</td>
<td>Dec 3</td>
<td>Chapter 16: Olfaction and Gustation</td>
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<tr>
<td>Week 15</td>
<td>Dec 5</td>
<td>Chapter 16: Audition and Vision</td>
</tr>
<tr>
<td>Week 16</td>
<td>Dec 10</td>
<td>Chapter 16: Vision con’t; Review</td>
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<tr>
<td>Week 16</td>
<td>Dec 12</td>
<td>Reading Day</td>
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<tr>
<td>Dec 18</td>
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<td>Exam 4 (Final Exam) 8:00a - 11:00a</td>
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