Instructor/Instructional Team
Jennifer Joesting
217B Burrill Hall
407 S. Goodwin Ave.
Urbana, IL 61801
217-265-0650
jjjohnso@illinois.edu
STUDENT HOURS: Wednesday 1p-2p in 485C Burrill Hall

- For course administrative questions please email: mcb246help@life.illinois.edu

Class Meeting Schedule
Scheduled Class Time: Tuesday and Thursday 2pm - 3:20pm in Foellinger Auditorium. Exams will occur during class time on the following Thursdays: 2/8, 2/29, 4/4, 4/25

Office Hours: TA’s student hours are held M-F 4p-5p, and Mondays and Fridays 7p-8p

- Class begins Tuesday, January 16th, 2024 and the last day of class is Tuesday April 30th, 2024.
- Jan. 29, 2024 is the deadline for adding or changing sections via self-service.
- Friday, March 8, 2024 is the last day to drop or elect cr/no cr
- Spring Break March 9-17.
- Final exams will be held May 3-10, specific date and time TBD.
- Deadline for any web gradebook corrections is May 2nd, 2024.

Course Overview and Description
MCB 246 is the second lecture course in a two-semester sequence designed to cover human anatomy and physiology. MCB 246 emphasizes the study of human anatomy and physiology at the histological and organ systems level of the following systems and areas: the cardiovascular, immune, digestive, endocrine, respiratory, urinary and reproductive systems. Where relevant, discussions of pathological diseases associated with these systems will also be addressed. Learning objectives for the course are aligned with the Human Anatomy and Physiology Society national standards.

Course Prerequisites, Requirements met MCB 244 and credit or concurrent enrollment in CHEM 101, CHEM 102, or equivalent, or consent of instructor. This course meets part of the major requirements for students in Kinesiology and Community Health.

Student Learning Outcomes
At the end of the course, through assignments, discussions, activities and assessments, students will be able to:
• Know the anatomical structures of the cardiovascular, immune, digestive, endocrine, respiratory, urinary and reproductive systems.
• Understand the integration between how the physical characteristics and properties of a given structure (cell, tissue organ) contribute to and guide its range of physiological functions.
• Recognize how the body’s organ systems function through homeostatic regulatory processes and feedback systems.

Course Text/Materials Information
Can be purchased at local campus bookstores: https://bookstore.illinois.edu/

1) Textbook: Anatomy & Physiology: An Integrative Approach, 4th edition by McKinley, O’Loughlin & Bidle with access to McGraw Hill’s Connect platform (online resource); can also be purchased from connect website: https://connect.mheducation.com/
2) Recommended texts: Atlas of Human Anatomy, 5th edition; Netter

Course Website, Course Tools
• Canvas will be our home base for communication. Here you will find: Important announcements, teaching assistant contact information and office hours, weekly tasks, syllabus, links, powerpoints, videos, study guides, and other helpful course materials. Please log in frequently and stay as up to date as possible.
• Course gradebook is here: https://apps.atlas.illinois.edu/Gradebook/
• Course CONNECT site is accessed through Canvas

See Canvas Page for MCB Course Policies and Procedures Regarding:
• For non-academic campus assistance and support
• Student Advocacy Resources
• Contacting MCB Course Personnel
• Adding the Course after the Semester Starts
• Religious Observances and Practices
• DRES Accommodations
• Lecture Absences
• Exam Absences: If you miss an exam due to unforeseen emergencies or illness, you will need to utilize the practical exam drop on the 0 that will be received for the miss.
• Final Exam Conflict
• Grades
• Academic Integrity
• Electronic Media/Device Use
• Course Material
• University Information of Student Safety - Active Threats
Grading Information and Breakdown

- **Exams (125pts each):** 4 examinations will be administered and proctored during class time on Thursdays: 2/8, 2/29, 4/4, 4/25. Exams are based on student understanding of the learning objectives listed for each unit covered. You will have 1 hour to complete 60 multiple-choice questions in a variety of formats including: select best answer, true-false, matching, labelling, and identification. The top 3 exam score grades will be counted toward your total score at the end of the semester (you will receive one exam DROP grade). Due to this drop availability, no make-up practicals nor prorations will be available for practical exams. If you must miss an exam due to unforeseen emergencies or illness, you will need to use your drop on the 0 that will be received for the miss.

- **Quizzes (45pts each):** There will be 10 review quiz assignments for the entire semester. Questions will be based on the both the anatomy and physiology subject material covered in the readings and lectures. Once the quiz starts, you have 60 minutes to complete it. You will have two attempts to take these quizzes before the due date. After the due date you can receive late completion grade at a deduction of 10% per day. The BEST score of the attempts will be transferred to ATLAS gradebook. The top 9 quiz score grades will be counted toward your total quiz score at the end of the semester (you will receive one quiz DROP grade). Due to this drop and late completion availability, no extensions or re-opening of the assignments will be allowed.

- **Lecture Participation Questions (4pts each):** Every lecture we will have 4 points possible for participating in questions prompted which will allow the instructor to assess student comprehension of topics and adjust lecture as necessary. Top 15 attendance scores will be counted toward your total grade (lecture meets 25 times total, so you must earn at least 15 days of participation to get all 60 points for the semester).

- **Final Exam (160pts):** The final exam will be a multiple-choice, approximate 80 question, proctored (remotely via Zoom) comprehensive exam which will be given during the scheduled final exam times as determined by the campus. This is a closed, summative exam and will not be available for student review after completion.
To check your scores, sign into https://apps.atlas.illinois.edu/Gradebook/. All students are responsible for checking their scores on the Web Gradebook after each practical. Each student is responsible for reporting possible discrepancies to their TA and if immediate action is not taken, the student is responsible for bringing this to the attention of Jennifer Joesting (jjjohnso@illinois.edu) within one week of receiving their exam score or uploaded homework scores. Students are encouraged to keep all submission records of online assignments until after final grades are issued.

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

<table>
<thead>
<tr>
<th>Grade Item</th>
<th>Points Available</th>
<th>Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exams (125pts each x top 3 scores)</td>
<td></td>
<td>375</td>
</tr>
<tr>
<td>Quizzes (45pts each x top 9 scores)</td>
<td></td>
<td>405</td>
</tr>
<tr>
<td>Final Exam (cumulative, multi-choice - online exam)</td>
<td></td>
<td>160</td>
</tr>
<tr>
<td>Lecture Participation Questions (4pts x top 15 days)</td>
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<td>60</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>1000</strong></td>
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</table>

Percentage Breakdown
- Exams: 53.5%
- Online Quizzes: 40.5%
- Lecture Participation: 6%

MCB 246 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>
</tr>
<tr>
<td>C</td>
<td>730-769</td>
<td>2.000</td>
</tr>
<tr>
<td>C-</td>
<td>700-729</td>
<td>1.667</td>
</tr>
<tr>
<td>D+</td>
<td>670-699</td>
<td>1.333</td>
</tr>
<tr>
<td>D</td>
<td>630-669</td>
<td>1.000</td>
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<tr>
<td>D-</td>
<td>600-629</td>
<td>0.667</td>
</tr>
<tr>
<td>F</td>
<td>0-599</td>
<td>0.000</td>
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</tbody>
</table>

*Tests will not be curved

***There will be no “bumping up” of grades once final letter grades have been determined (i.e., 1 point shy of an A- will always earn you a B+). At the end of the semester, if the course grade average is less than 80%, there may be a standard grade scale shift that would be applied to every student.

**Tentative Lecture Schedule**
<table>
<thead>
<tr>
<th>Week:</th>
<th>Tuesday</th>
<th>Thursday</th>
<th>Reading / Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/15</td>
<td>Course Intro.</td>
<td>Cardiovascular System: Blood</td>
<td></td>
</tr>
<tr>
<td>01/22</td>
<td>Cardiovascular System: Blood</td>
<td>Cardiovascular System: Heart</td>
<td>Ch. 18</td>
</tr>
<tr>
<td>01/29</td>
<td>Cardiovascular System: Heart</td>
<td>Cardiovascular System: Blood Vessels</td>
<td>Ch. 19</td>
</tr>
<tr>
<td></td>
<td><strong>Blood/Heart Quiz Due by 11:59pm</strong></td>
<td></td>
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<tr>
<td>02/05</td>
<td>Cardiovascular System: Blood Vessels</td>
<td></td>
<td><strong>Exam 1</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Blood Vessels Quiz Due by 11:59pm</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>02/12</td>
<td>Lymphatic System</td>
<td>Innate (nonspecific) Immune System</td>
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<td></td>
<td><strong>Lymphatic Quiz Due by 11:59pm</strong></td>
<td></td>
<td></td>
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<tr>
<td>02/19</td>
<td>Adaptive (specific) Immune System</td>
<td>Respiratory System</td>
<td>Ch. 21</td>
</tr>
<tr>
<td></td>
<td><strong>Immune Quiz Due by 11:59pm Friday</strong></td>
<td></td>
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<tr>
<td>02/26</td>
<td>Respiratory System</td>
<td></td>
<td><strong>Exam 2</strong></td>
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<tr>
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<td><strong>Respiratory Quiz Due by 11:59pm</strong></td>
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<tr>
<td>03/04</td>
<td>Digestive System</td>
<td>Digestive System</td>
<td>Ch. 26</td>
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<tr>
<td>03/11</td>
<td><strong>SPRING BREAK</strong></td>
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<td>03/18</td>
<td>Digestive System</td>
<td>Digestive System</td>
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<td></td>
<td><strong>Digestive Quiz Due by 11:59pm Friday</strong></td>
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<td></td>
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<tr>
<td>03/25</td>
<td>Endocrine System</td>
<td>Endocrine System</td>
<td>Ch. 17</td>
</tr>
<tr>
<td>04/01</td>
<td>Endocrine System</td>
<td></td>
<td><strong>Exam 3</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Endocrine Quiz Due by 11:59pm</strong></td>
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<td></td>
</tr>
<tr>
<td>04/08</td>
<td>Urinary System</td>
<td>Urinary System</td>
<td></td>
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<tr>
<td></td>
<td><strong>Urinary Quiz Due by 11:59pm</strong></td>
<td></td>
<td></td>
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<tr>
<td>04/15</td>
<td>Reproductive System</td>
<td>Reproductive System</td>
<td>Ch. 28</td>
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<tr>
<td>04/22</td>
<td>Reproductive System</td>
<td></td>
<td><strong>Exam 4</strong></td>
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<td></td>
<td><strong>Reproductive Quiz Due by 11:59pm</strong></td>
<td></td>
<td></td>
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<tr>
<td>04/29</td>
<td>Final Exam Review</td>
<td></td>
<td>-No Class</td>
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<tr>
<td></td>
<td><strong>Final Exam Quiz Due by 11:59pm</strong></td>
<td></td>
<td>-Last day of labs is Tuesday 4/30</td>
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</tbody>
</table>

**FINAL EXAM:** Cumulative Online, Zoom Proctored Wednesday May 8 @ 7pm
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](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, 324 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