School of Molecular & Cellular Biology

MCB 461, Fall 2021

Cell & Molecular Neuroscience, Course Credit Hours (3)

Instructor/Instructional Team

Dr. Hee Jung Chung
427A Burrill Hall
217-244-6839
chunghj@illinois.edu

Class Meeting Schedule

Classes (in person): 02:00 PM - 02:50 PM, MWF
Where: 0035 Campus Instructional Facility (1405 W Springfield Ave. Cross street is S. Wright St)
Office Hours with Prof. Chung (by Zoom), 03:00 PM - 03:50 PM, Th
https://illinois.zoom.us/j/87962431633?pwd=Qk0rSjQ0WVZFej0SjJsWW9JQ3g4QT09
Meeting ID: 879 6243 1633
Password: 975484

Office Hours with the TA. Greg Tracy (by Zoom), 09:00 AM - 10:00 AM, F
https://illinois.zoom.us/j/82725993963?pwd=djodkNzbkxnd1BDcHorNGt1R0dWZz09
Meeting ID: 827 2599 3963
Password: 926737

Course Overview and Description

MCB461 (NEUR461) is an in-depth foundation neuroscience course for undergraduate and graduate students. It covers up-to-date cellular and molecular neurobiology including basic principles of neuronal function, signaling, development, and plasticity that underlie cognition and behaviors. In addition, known or postulated molecular mechanisms of neurologic and neuropsychiatric diseases are heavily explored through reading and actively discussions of classic and recent scientific literature.
The lectures are grouped into 4 central topics:

Topic 1: Neurons and Glia, Membrane and Action Potential
Topic 2: Neurotransmitters and Synaptic Transmission
Topic 3: Nervous System Development - Molecular View
Topic 4: Neural Plasticity, Behavior, and Cognition

Course Prerequisites, Requirements met (general education, major, minor)

Prerequisite: MCB 252, MCB 250 or equivalent, or consent of instructor.

Student Learning Outcomes (a list of at least 3)

At the end of the course, through assignments, discussions, activities and assessments, students will be able to:

• Understand the principles of neuronal function, signaling, and development.
• Gain in-depth knowledge on neural plasticity that underlies cognition and behavior
• Learn how to read and critically evaluate the scientific literature related to neurologic and neuropsychiatric diseases that stem from the dysregulation of cellular and molecular neurobiology.
• Apply the knowledge cellular and molecular neurobiology to analyze and solve problems.

Course Text/Materials Information (both required and recommended)

Course Text
*Both books are available online or the Illini Union Bookstore (IUB), Funk ACES Library

Course Materials  iClicker (needed for obtaining bonus points)

Course Website, Course Tools (Canvas, Moodle, LON-CAPA, Zoom, etc.)

General Course Website: https://mcb.illinois.edu/courses/detail/184/
Course Tool (Moodle): https://learn.illinois.edu course syllabus, lecture & exam schedule, lecture notes, assignments, problem sets, and latest announcements.

Grading Information and Breakdown

Assessment Types and Numbers
4 exams (1 exam per Topic: 3 in-class exams and a non-comprehensive final exam).
4 Assignments (Read the assigned scientific literature and write answers to 10 questions)
4 Problem sets (10 questions per Topic: Submit the answers by a designated deadline).
Point Allocation and Total of 1000 points

Exam I on Topic 1  
Exam II on Topic 2  
Exam III on Topic 3  
Final Exam on Topic 4  
4 Problem sets (10 questions per Topic)  
4 Reading/Writing Assignments

| Total | 1000 points |

Bonus (extra) points

In-class iClicker participation points  
ICES evaluation participation points
(If the instructor gets >75% of the class response, then everyone will get 5 bonus points)

Grade Scale

MCB461 follows the University’s Standard Grade Scale as shown below.

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Point Ranges</th>
<th>Grade Point Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>1000–920</td>
<td>4.000</td>
</tr>
<tr>
<td>A</td>
<td>919–883</td>
<td>4.000</td>
</tr>
<tr>
<td>A-</td>
<td>882–850</td>
<td>3.667</td>
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<tr>
<td>B+</td>
<td>849–817</td>
<td>3.333</td>
</tr>
<tr>
<td>B</td>
<td>816–783</td>
<td>3.000</td>
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<tr>
<td>B-</td>
<td>782–750</td>
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<tr>
<td>C+</td>
<td>749–717</td>
<td>2.333</td>
</tr>
<tr>
<td>C</td>
<td>716–683</td>
<td>2.000</td>
</tr>
<tr>
<td>C-</td>
<td>682–650</td>
<td>1.667</td>
</tr>
<tr>
<td>D+</td>
<td>649–617</td>
<td>1.333</td>
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<tr>
<td>D</td>
<td>616–583</td>
<td>1.000</td>
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<tr>
<td>D-</td>
<td>582–550</td>
<td>0.667</td>
</tr>
<tr>
<td>F</td>
<td>549–0</td>
<td>0.000</td>
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<tr>
<td>Date</td>
<td>Day</td>
<td>Lecture Topic</td>
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<tr>
<td></td>
<td></td>
<td><strong>Course Calendar with Daily Schedule of Topics, Readings and Assignment Due Dates</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Date</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Fundamental Neuroscience 4th ed</strong></td>
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<tr>
<td></td>
<td></td>
<td><strong>Assignments</strong></td>
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<td></td>
<td></td>
<td><strong>Students with the last name starting</strong></td>
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<tr>
<td></td>
<td></td>
<td><strong>Topic 1: Neurons and Glia, Membrane and Action Potential</strong></td>
</tr>
<tr>
<td>Aug 23</td>
<td>Mon</td>
<td>Overview</td>
</tr>
<tr>
<td>Aug 25</td>
<td>Wed</td>
<td>Cellular Organization of Nervous System</td>
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<tr>
<td>Aug 27</td>
<td>Fri</td>
<td>Subcellular Organization of Nervous System</td>
</tr>
<tr>
<td>Aug 30</td>
<td>Mon</td>
<td>Dementia and Tauopathy</td>
</tr>
<tr>
<td>Sept 1</td>
<td>Wed</td>
<td>Resting Membrane Potential</td>
</tr>
<tr>
<td>Sept 3</td>
<td>Fri</td>
<td>Action Potentials (Ionic Basis)</td>
</tr>
<tr>
<td>Sept 6</td>
<td>Mon</td>
<td>Labor Day (No Class)</td>
</tr>
<tr>
<td>Sept 8</td>
<td>Wed</td>
<td>Action Potentials (Modulation)</td>
</tr>
<tr>
<td>Sept 10</td>
<td>Fri</td>
<td>Epileptic Encephalopathy</td>
</tr>
<tr>
<td>Sept 13</td>
<td>Mon</td>
<td>Review of Topic 1</td>
</tr>
<tr>
<td>Sept 15</td>
<td>Wed</td>
<td>Exam I (Topic 1 Only)</td>
</tr>
<tr>
<td>Sept 17</td>
<td>Fri</td>
<td>Principle of Synaptic Transmission</td>
</tr>
<tr>
<td>Sept 20</td>
<td>Mon</td>
<td>Neurotransmitter (Synthesis &amp; Storage)</td>
</tr>
<tr>
<td>Sept 22</td>
<td>Wed</td>
<td>Neurotransmitter (Release and Retrieval)</td>
</tr>
<tr>
<td>Sept 24</td>
<td>Fri</td>
<td>Re-engineering Botulinum toxin (Botox)</td>
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<tr>
<td>Sept 27</td>
<td>Mon</td>
<td>Neurotransmitter Receptors</td>
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<tr>
<td>Sept 29</td>
<td>Wed</td>
<td>Intracellular Signaling</td>
</tr>
<tr>
<td>Oct 1</td>
<td>Fri</td>
<td>Postsynaptic Potentials</td>
</tr>
<tr>
<td>Oct 4</td>
<td>Mon</td>
<td>Endocannabinoids &amp; Marijuana</td>
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<tr>
<td>Date</td>
<td>Day</td>
<td>Topic</td>
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<tr>
<td>Oct 6</td>
<td>Wed</td>
<td>Synaptic Integration</td>
</tr>
<tr>
<td>Oct 8</td>
<td>Fri</td>
<td>Review of Topic 2</td>
</tr>
<tr>
<td>Oct 11</td>
<td>Mon</td>
<td>Exam II (Topic 2 Only)</td>
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**Topic 3: Nervous System Development – Molecular View**

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Topic</th>
<th>Chapters</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct 13</td>
<td>Wed</td>
<td>Neurogenesis and Differentiation</td>
<td>Chapters 14-15, Chapter 23</td>
<td></td>
</tr>
<tr>
<td>Oct 15</td>
<td>Fri</td>
<td>Growth Cones and Axon Pathfinding</td>
<td>Chapter 16, Chapter 23</td>
<td></td>
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<tr>
<td>Oct 18</td>
<td>Mon</td>
<td>Synapse Formation</td>
<td>Chapter 17, Chapter 23</td>
<td></td>
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<tr>
<td>Oct 20</td>
<td>Wed</td>
<td>Axon outgrowth in Cerebral Organoids</td>
<td>Giandomenico et al., 2019</td>
<td>Last name: A-K</td>
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<tr>
<td>Oct 22</td>
<td>Fri</td>
<td>Programmed Cell Death &amp; Neurotrophic Factor</td>
<td>Chapter 18, Chapter 23</td>
<td></td>
</tr>
<tr>
<td>Oct 25</td>
<td>Mon</td>
<td>Synapse Elimination</td>
<td>Chapter 19, Chapter 23</td>
<td></td>
</tr>
<tr>
<td>Oct 27</td>
<td>Wed</td>
<td>Dendrite Development</td>
<td>Chapter 20</td>
<td></td>
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<tr>
<td>Oct 29</td>
<td>Fri</td>
<td>Synapse pruning deficits in Autism</td>
<td>Tang et al., 2014</td>
<td>Last name: L-Z</td>
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<tr>
<td>Nov 1</td>
<td>Mon</td>
<td>Review of Topic 3</td>
<td></td>
<td>Problem sets due 2 pm</td>
</tr>
<tr>
<td>Nov 3</td>
<td>Wed</td>
<td>Exam III (Topic 3 Only)</td>
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**Topic 4: Neural Plasticity, Behavior, and Cognition**

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Topic</th>
<th>Chapters</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov 5</td>
<td>Fri</td>
<td>Neural Plasticity</td>
<td>Chapter 21, Chapter 23</td>
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<tr>
<td>Nov 8</td>
<td>Mon</td>
<td>Learning and Memory (Invertebrate System)</td>
<td>Chapter 47 p1009-1016, Chapters 24-25</td>
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<tr>
<td>Nov 10</td>
<td>Wed</td>
<td>Learning and Memory (Vertebrate System) Part-1</td>
<td>Chapter 47 p1016-1027, Chapter 48, Chapters 23, 25</td>
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<tr>
<td>Nov 12</td>
<td>Fri</td>
<td>Alzheimer Disease – Abeta</td>
<td>Shankar et al., 2008</td>
<td>Last name: A-K</td>
</tr>
</tbody>
</table>
Course Policies (should address the following topics; see below for sample policies)

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

- **Contacting Personnel**

  **Instructor: Dr. Hee Jung Chung**  
  Office: 427A Burrill Hall  
  Office phone: 217-244-6839  
  chunghj@illinois.edu

  **Course Coordinator: Deb Bielser**  
  Office: 127 Burrill Hall  
  Office phone: 217-244-0073  
  bielser@illinois.edu

  **TA: Gregory Tracy**  
  gtracy4@illinois.edu

Emails to the instructor, TA, or course coordinator will only be answered if they come from an @illinois.edu account, in order to protect the student’s educational information and profile.

In the email, students should include all pertinent information related to MCB461, which will help us respond quickly and efficiently to your concerns:

- The course rubric and purpose of the email 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)
- Your section letter/number
- The previous email “thread” or previous communicated information pertinent to the situation
• **Religious Observances and Practices**

Students are required to submit the Request for Accommodation for Religious Observances Form to their instructors and the Office of the Dean of Students requesting accommodation by the end of the second week of the course. The form can be found at www.odos.illinois.edu/.../Religious_Observance_Accommodation_Request_Form.docx

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/.

The iclicker bonus point for the missing day (s) for religious observances and practices will be credited to the student who has submitted the form and has a documented excuse approved by the Dean of Students.

• **Disability Resources and Educational Services (DRES) Accommodations**

MCB461/Neur461 is committed to providing a learning environment where our students can succeed. If a student believes that they need DRES accommodations, he/she should contact Disability Resources and Educational Services (DRES) as soon as possible.

DRES  
1207 S. Oak Street, Champaign,  
217.333.4603  
disability@illinois.edu

MCB461/Neur461 will try to meet all accommodations once the DRES process has started. Accommodations are not retroactive to the beginning of the semester, but rather begin the day a student contacts the instructor or course coordinator with a current letter of accommodation from DRES.

• **Class Absences**

(i) Regular class attendance is expected of all students at the University.  
(http://odos.illinois.edu/studentAssistance/absence/revised_code.asp)

(ii) 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.

(iii) Absences that may be excused without a letter from the Office of the Dean of Students include:

- Circumstances beyond the student’s control such as sudden illness 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.
- A conference or job, graduate or professional school interviews, though a best effort should be made to schedule these events to minimize class attendance disruption.

*** The student should also fill out an online “MCB 461 absence report form” which are available at MCB461 Course Moodle website and also e-mail the instructor with written evidence of a documented excuse for the above circumstances.
For example, if a student is ill, he/she must submit confirmation of a visit with a medical practitioner within 24 hours of his/her absence. The confirmation cannot be provided by a relative, even if the relative is a practitioner.

***Absences planned for the items listed in previous bullet point must be communicated to your instructor or course coordinator at least 2 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.

(iv) 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).

(v) Unplanned absences may result in the loss of opportunity to reschedule the missed class period and, therefore, the portion of the grade associated with this class period.

(vi) Attendance will be recorded for the first week of class using a sign-up sheet so that everyone gets a chance to properly register for their iclickers.

(vii) The iclicker bonus point for the missing day(s) will be credited to the student with proper documentation (i.e. written evidence of a documented excuse, the letter from the Dean of Students, official medical physician’ notes, etc).

- Exam Absences

**Participation in all four exams is mandatory.**

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. 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 find yourself ill, you must submit confirmation of a visit with a medical practitioner within 24 hours of your absence. The confirmation cannot be provided by a relative, even if the relative is a practitioner.

If you must miss an exam for a conference or 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. All will require documentation.

**ONLY ONE missing exam can be prorated for an unexpected absence. For anticipated absence, the students should arrange with the instructor to take the conflict exam BEFORE the regular exam date and time.**

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, 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 a student has a regularly scheduled University course that conflicts with the exam, he/she 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 his/her course.

Work schedules should be adjusted, if at all possible, in order to eliminate a conflict with scheduled exams. A student should 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.

Conflict (i.e. makeup) exams will be given to individuals who have a documented excuse or written evidence, or letter approved by the Dean of the Students.

Conflict exams can only be taken BEFORE the regular exam date and time.

• Final Exam Absence

Participation in the final exam is required.

If a student must miss a final exam due to unforeseen circumstances, he/she are required to contact your instructor or course coordinator within 24 hours of the absence. The student must also contact the Dean of your college. Finally, you must submit an online Absence Form if one is available on your course website. The student will receive an ABS (absent) in the course if you miss the final exam. This ABS will result in an F in the course unless action is taken. The Dean can approve the change of the ABS to an Incomplete, which then allows a limited window of time for the student to complete the final exam and earn a grade in the course.

There will be instances when the students 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, the student 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. If a student “anticipated” circumstance that causes an absence from the exam, the student should contact the Office of the Dean of Students to obtain a documented excuse approved by the Dean.
of Students, and contact the instructor for scheduling a conflict final exam taken BEFORE the regular final exam date and time.

If a student misses the final exam due to a sudden (unexpected) and extreme illness or urgent unforeseen circumstance, the student should provide the proof of illness and/or written evidence of a documented excuse approved by the Dean of Students, fill out an online “MCB 461 absence report form”, and contact the instructor. Decision to provide the conflict exam LATER than the actual final exam date will be based on the written proof and consultation with the MCB undergraduate curriculum office.

- 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: www.illinois.edu/admin/manual/code/
  - Students who have two final exams scheduled at the same time. Final conflict exam requests should be made to the course with larger 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.

- Grades

The grade the students earn in the course will be based on the points that they earn. Effort is reflected in points earned. MCB 461/NEUR 461 will adhere to the grade scale when assigning grades in order to avoid capriciousness and to adhere to fairness and equity for all students.

Concerns over grading and iclicker points should be addressed to the instructor or the TA. The deadline for grade corrections on all items is one week after corrected items are returned or grades are received.

- 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. The students 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 461/NEUR 461 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 of students be entirely their own, and that anything they write using the words of other writers be correctly attributed. Some specific points follow.
On exams, the answers that the students turn in for grading must be their own, formulated during the exam from their 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 their work, or copying work from any other source, is unacceptable.

Students,

(i) 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, reading and writing assignments, or problem sets for all persons involved.

(ii) Texting, or the use of a cell phone or any other device 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.

(iii) 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.

(iv) 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.

(v) 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.

• **Electronic 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 on an assignment or exam or a more extreme penalty at the discretion of the instructor.

  Any violation of the social media policy **on your account** may result in a zero on an assignment or exam or a more extreme penalty at the discretion of the instructor.
Any social media sites created in relation to MCB461/NEUR461 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).

No electronic devices, including smart watches, are allowed at exams.

- **Course Material**

  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.

  Posting or redistributing of course material in any format is strictly prohibited.

- **University Information of Student Safety - COVID Threat**

  **Building access protocols**

  (i) Students, faculty and staff are required to have completed an on-campus COVID-19 test and received a negative result OR have a university-verified Vaccination Record Card to access university facilities.

  (ii) All students, faculty and staff participating in on-campus activities start with their building access status set to Access Denied. To initially have your status changed to Access Granted, you must have a recent negative COVID-19 on-campus test result OR a university-verified Vaccination Record Card.

  (iii) You should not ask someone if they are vaccinated. You are not required to show the vaccination status screen in your Safer Illinois app to anyone.

  (iv) The building access screen only shows if someone is compliant or not—either through vaccination or testing. This is to protect everyone’s private health information.

  (v) Individuals are required to show their building access status to the following individuals:

    Wellness Support Associates (WSAs)
    Instructors (including TAs) during class time
    Supervisors
    Academic advisors during meeting time
    McKinley Health Center, Student Counseling Center and Faculty/Staff Assistance Services
    IHR civil service testing locations

  **Face coverings**

  All university students, faculty, staff and visitors must wear a face covering in university spaces indoors, regardless of vaccination status.
**Testing locations**

Four testing sites (ARC, Illini Union, NCSA tent and CRCE) will be open seven days a week during the fall semester. View the full list of hours and locations. CRCE began offering SHIELD CU Community Testing on Aug. 12.

**Form to report unsafe COVID-19 behavior**

Individuals who witness unsafe COVID-19 behavior by a student or employee may submit their experiences here: http://go.illinois.edu/COVID19-report. These reports are reviewed by Student Affairs and Illinois Human Resources.

- **University Information of Student Safety - Security Threat**

**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, as indicated on front page of this plan.
- Remain at Evacuation Assembly Area until additional instructions are given.
- 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.

**Other Policy**

1. Food is not allowed in the lecture hall. Smoking is not allowed in the lecture hall and building.

2. The instructor and the TA of MCB 461 are in charge of the orderly conduct of discussions and may exclude a student who does not comply with a reasonable request in this regard.

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

4. Excused class time compensating for unforeseen school closure (i.e. snow storms) is provided by cancellation of review sessions.

5. The faculty and the TA of MCB 461 are NOT responsible for any student's personal belongings during examinations or class periods.

**Student Resources and 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://oii.illinois.edu/sites/prod/files/SexualMisconduct_ResourceGuide.pdf](http://oii.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
mcb.illinois.edu/undergrad/advising/resources.

**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