

Integrative Neuroscience

MCB 462 / NEURO 462

Spring 2022

Organization:

Lecture: 2:00-2:50 MWF 1000 Lincoln Hall = 3 hrs/week

During the week of Jan. 19, and possibly at other times as required by the University, we will convene via Zoom:

Join Zoom Meeting:

<https://illinois.zoom.us/j/81582617867?pwd=UThyem9UY3B6b1INNIZRTWJWY3dZZz09>

Meeting ID: 815 8261 7867

Password: 419137

Discussion section: TBA = 1 hr/week Currently elective, non-credit, and extremely helpful

Starts the 2nd Friday of term thru the last full week: 2/6 - 4/30/21

Online Discussion Forums/ Quizzes: ~ 1/week

Assessment: 2 Hourly Exams + 1 Comprehensive Final

Text: Neuroscience: Exploring the Brain, 4th Edition

by Mark F. Bear, Barry W. Connors [Hardcopy or eTextbook]

https://www.amazon.com/Neuroscience-Exploring-Mark-F-Bear/dp/0781778174/ref=dp_ob_title_bk#reader_0781778174

OR

<https://www.barnesandnoble.com/w/neuroscience-mark-bear/1126361118?ean=9780781778176>

Instructors:

Rhanor Gillette

Office Hours: Tues 2-4; rhanor@illinois.edu

Join Zoom Meeting

<https://illinois.zoom.us/j/88424264725?pwd=ZGNvNDdIVUxKYUp1VnhvSXNabIJ1QT09>

Meeting ID: 884 2426 4725

Password: MCB462rg.

Martha Gillette

Office Hours: Tues, starting Feb 8, 2-4; <mgillett@illinois.edu>

Join Zoom Meeting

<https://illinois.zoom.us/j/82020965584?pwd=cjlCYStNRWNBS3ZoTXc5ZDF4TjZXQT09>

Meeting ID: 820 2096 5584

Password: MCB462mug

TAs/Course Administrators:

Chen Huang <chenh3@illinois.edu>

Office Hours: Tues 6-8 PM

Join Zoom Meeting

<https://illinois.zoom.us/j/87332089003?pwd=Y0JoMnYzODVKajRCbTMrS1p3UENudz09>

Meeting ID: 873 3208 9003

Password: 5180

Wei-Chun Kao <wkao7@illinois.edu>

Office Hours: Fri 9-10 AM

Join Zoom Meeting

<https://illinois.zoom.us/j/88547786206?pwd=MHcyd2VUMmxBZzJOWG51dIVCYTcvUT09>

Meeting ID: 885 4778 6206

Password: 280765

Moodle Course Website: <learn.illinois.edu> (log-in using your NetID)

Plan on visiting our Moodle site regularly to complete the weekly quizzes and online forum discussions. These are part of your learning experience/total point structure.

If you are on campus, please take a moment on Jan. 25 to watch this brief safety video – <http://police.illinois.edu/emergency-preparedness/run-hide-fight/>

Course Summary: Integrative Neuroscience applies multi-level system approaches to nervous system structure and function, and how the cells and circuits generate behavior. Topics include an overview of nervous systems, how and why they evolved and are organized, new vistas in neural modeling, new technologies in discovering brain function, the brain's cellular substrates, biological substrates of thought and emotion, patterned neuronal activity and movement, sensory systems, integration of sensation, cellular and systems natures of pain, biological rhythms and sleep, learning and memory, behavioral decision-making,

neuroeconomics, motivation and reward, human learning, and the roots of conscience and consciousness. Prerequisite: MCB 252 or instructor consent.

Grading: Breakdown of Course Material for Determining Overall Grade

20%	Exam 1 Friday, Feb. 18 (covers 1 st 13 lectures)
20%	Exam 2 Friday, Apr. 1 (covers 2 nd 14 lectures)
35%	Final Exam (Cumulative) Friday, May 6, 1:30 – 4:30 PM (3 rd 14 lectures + Comprehensive)
7%	(6) Discussion Forum Exercises
15%	(10) Online Quizzes
3%	<i>Reinforcing Question Responses (RQRs)</i> during class to address major points of previous lecture = complete 75% to be awarded points
(+5%)	Extra-Credit Wiki Project
+5 pts	'Cyberslug' Extra-Credit Neurocomputation Experience!

Assessment

Our goal here is to determine how to make this course more closely fulfill your goals, and to develop it as a model for other similar courses. For this, we ask you to complete a brief assessment form three times over the semester.

Self-Selected Discussion Section

We offer a Discussion Section to a self-selected group of students to assess the added value of additional discussion and experience with neuroscience concepts. Presently we cannot offer credit for the discussion section. However, it is a special opportunity to enhance your understanding, especially if you have little experience with the type of material we cover. To achieve a meaningful analysis, those who enroll are required to attend. Please consider whether you would like to participate and sign up via this Doodle poll before Wednesday, Jan. 26

https://doodle.com/poll/rmbk8uhxah7gcbps?utm_source=poll&utm_medium=link

Reinforcing Question Responses (RQRs)

During class via I-Clicker or Zoom link; points for only participating.

Exams

- Two hourly exams and a comprehensive final will be administered during the semester.
- Exams will consist of multiple-choice questions and free-response questions, which will be confirmed a week before each test.
- A list of possible examination questions will be made available approximately one week before each exam.
- Multiple choice and any free-response questions in the exams will be derived from topics closely related to these questions.
- The comprehensive final exam will be weighted toward the material in the last 3rd of the lectures. The final exam will be administered according to the Registrar's website, during the Final Exam period for M-W-F classes that convene at 2 pm, in our classroom, 1000 Lincoln Hall.
- Students **anticipating an absence** on any exam dates **must** contact the TAs **at least a week in advance**.

Discussion Forum Exercises

Neuroscience profoundly affects our everyday lives and permeates nearly every facet of our society. Students will respond to six controversial or thought-provoking questions throughout the semester, citing peer-reviewed literature in some instances to support their arguments. After initial postings are made, students then reply to at least two of their classmates' posts. Full credit for each exercise depends on full participation (*i.e.*, initial responses and peer replies must be thoughtful and conform to specific exercise instructions).

Online Quizzes

Ten untimed *online* quizzes will be given throughout the semester. They will primarily feature multiple-choice questions, with an occasional question requiring a short reply or numerical answer. Questions will reflect both lecture and reading material. Quizzes are to be submitted by the deadline via the Moodle course website for credit.

Extra-Credit Wiki Project

An optional project will be available to interested students, with a 5% bonus for their final grades. Students select an integrative neuroscience topic **not explicitly covered** in the course, and after receiving approval from the TA or

instructors, make a short Wiki page devoted to an overview of their topic (minimum 1,500 words, first in Word and then on the Moodle website) . This overview must cite at least ten peer-reviewed sources from the scientific literature. Full credit is awarded for full participation and may involve revisions of the Wiki page. Further instructions will be made available on the course website after Spring Break.

'Cyberslug' Extra-Credit NeuroComputation Experience

Cyberslug is novel computational software that enables you to experience the range of outcomes of 'cost-benefit' choices that animals make in real life. Full credit is awarded for correctly answering a few short questions about Cyberslug's behavior and learning, which may include your manipulation of variables within Cyberslug's code.

Website Content

Lecture Power Points/pdfs, exam questions, readings, online quizzes, relevant links, and multimedia material are easily accessible through the Moodle course website. A chat room and discussion/exam forums are set up on our Moodle site to facilitate free exchange of information and formation of study groups among students, with TA participation. Regular announcements will be posted on the website and e-mailed to all enrolled students.

Late Policy

Late submissions of an online quiz or discussion forum exercise during the semester will be penalized. Students should notify the TA of emergencies or extenuating circumstances **before** assignment deadlines. Exceptions and point deductions are made on a case-by-case basis at the discretion of the TAs.

Final Grades

Final alphanumeric grades are determined based on the aggregate points available for activities listed under Grading and at the discretion of the instructors and TAs.

Policy on Class Attendance

Regular class attendance is expected of all students at the university. The authority to excuse absences rests with the course instructors, subject to the

requirement to reasonably accommodate class absences as set forth in the Student Code (Article I, Part 5).

<https://studentcode.illinois.edu/article1/part5/1-501/>

Academic Integrity

The university has the responsibility for maintaining academic integrity to protect the quality of education and research on our campus and to protect those who depend upon our integrity. It is the responsibility of each student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions, and from conduct that aids others in such infractions.

<https://studentcode.illinois.edu/article1/part4/1-401/>

Student Disability Accommodations

To ensure that disability-related concerns are properly addressed from the beginning, students with disabilities who require assistance to participate in this class are asked to see our TAs as soon as possible.

<https://www.disability.illinois.edu/>

Please see MCB CURRICULUM POLICIES, which are detailed *after* the Lecture Schedule, starting on page 9.

Lecture Schedule:

Classes will begin on Wed., Jan. 19. The last day of classes still will be Wed., May 4. Our FINAL EXAM will be Friday, May 6, 1:30 – 4:30 PM

- Jan. 19. Introduction to the course and its assessment. **Pre-Survey Assessment 1** administered via Moodle. Safety information reviewed.
Overview of nervous systems and behavior. Basic concepts and conceptual modeling with neuronal constructs – **M, R, C, W**
- Jan. 21. Behavior: Patterning and sequencing – **R**
- Jan. 24. Behavioral economics – **R**
- Jan. 26. The evolution of nervous systems and behavior – **R - Forum exercise 1 due**
- Jan. 28. Substrates of thought: cellular resting potentials – **R**

- Jan. 31. Cellular substrates of thought -1 – **M**
- Feb. 2. Cellular substrates of thought -2 – **M – Quiz 1 opens**
- Feb. 4. Substrates of thought: action potentials - 1 – **R**
- Feb. 7. Substrates of thought: action potentials - 2 – **R**
- Feb. 9. Substrates of thought: synaptic transmission – **R – Quiz 1 due; Quiz 2 opens; Forum exercise 2 opens**
- Feb. 11. Neuromodulation: Substrates of arousal and emotion – **R**
- Feb. 14. Emergence of patterned neuronal activity – **R – Quiz 2 due**
- Feb. 16. Central pattern generators – **R – Forum exercise 2 due**
- Feb. 18. **EXAM 1**
- Feb. 21. Pattern generators, rhythmic behaviors, and neuromodulation – **R – Quiz 3 opens; Forum exercise 3 opens**
- Feb. 23. Building nervous systems: Homeostatic Plasticity – **R**
- Feb. 25. Evolution of the mammalian brain – **R – Assessment**
- Feb. 28. Fundamentals of sensory systems – **M – Quiz 3 due; Forum exercise 3 due; Quiz 4 opens**
- Mar. 2. Vision 1 – **M**
- Mar. 4. Vision 2 / Chemical senses – **M**
- Mar. 7. Chemical senses 2 – **M – Quiz 4 due; Quiz 5 opens**
- Mar. 9. Audition – **M**
- Mar. 11. Audition - translational – **M**
- Mar. 12-20. Spring Break!**
- Mar. 21. Pain – **M**
- Mar. 23. Stress – **M**
- Mar. 25. The clocks that time us – **M**
- Mar. 28. How do you build a biological clock? – **M – Quiz 5 due; Quiz 6 opens; Forum exercise 4 opens**
- Mar. 30. Biological rhythms and social behavior – **M**

- Apr. 1. **EXAM 2**
- Apr. 4. Integrating mechanisms of biological clocks – **M** – **Forum exercise 4 due**
- Apr. 6. Regulatory systems: the hypothalamus; Respiration/ cardiovascular functions – **M**
- Apr. 8. Lateral and recurrent inhibition: pattern analysis, templating, integration and attentional mechanisms – **R**
- Apr. 11. Learning rules for cells and circuits - 1 – **R** – **Quiz 6 due; Quiz 7 opens**
- Apr. 13. Learning rules for cells and circuits - 2 – **R**
- Apr. 15. Motivation and reward – **R**
- Apr. 18. Simple interactions of neuronal circuits and behavioral choice, Neuroeconomics of decision - 1 – **R** – **Quiz 7 due; Quiz 8 opens; Forum exercise 5 opens**
- Apr. 20. Simple interactions of neuronal circuits and behavioral choice, Neuroeconomics of decision - 2 – **R**
- Apr. 22. Maintaining the Brain – **R** – **Quiz 8 due; Forum exercise 5 due; Quiz 9 opens**
- Apr. 25. Sleep-1 – **M**
- Apr. 27. Sleep-2 – **M** –
- Apr. 29. Modeling function in brain and behavior **R Quiz 9 due; Quiz 10 opens; Forum exercise 6 opens**
- May 2. Valuation, reward, and risk assessment in the nervous system – **R**
- May 4. Roots of conscience and consciousness in the brain – **R** –
Open Review, **Assessment 3**, ICES Final, **Quiz 10 & Forum exercise 6 due;**
LAST DAY OF INSTRUCTION!
- May 6. Final Exam, 1:30 – 4:30 PM (Friday afternoon) in 1000 Lincoln Hall**

MCB Curriculum Policies

For non-academic campus assistance and support:

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

Student Advocacy Resources:

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

Contacting MCB Course Personnel:

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

Policies:

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

Adding the Course after the Semester Starts:

- We understand that the University has an add deadline 10 days into the semester, but the University lets individual courses and/or programs determine their policies for late adds. We feel that students who choose to add a course late do so at their own discretion with knowledge that there may be points lost in the process.

Religious Observances and Practices:

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

DRES Accommodations:

- 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://odos.illinois.edu/studentAssistance/absence/revised_code.asp)
- 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.
- 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 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 include 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. 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).
- 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.
- Absences will be handled according to individual course policy.

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 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.
- 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. 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 must also contact the Dean of your college. Finally, you must submit an online Absence Form if one is available on your course website. You 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 you to complete the final exam and earn a grade in the course.
- There will be instances when the student must make an individual choice about their ability to perform on an exam and will need to accept any and all consequences for that choice.

- If the absence is a result of a protracted illness, you should follow the procedure for obtaining a letter from the Office of the Dean of Students. The request may be made once the student recovers but not more than 10 business days after the date of absence.
- Information about final exams can be found in the Student Code: <http://studentcode.illinois.edu/>.

Final Exam Conflict:

- Conflict final exams may only be granted for any one of the following situations:
 - Students with three final exams scheduled within a 24 hour period as defined in Section 82.A.4). Final Examinations of the *Code of Policies and Regulations Applying to All Students* which can be found at: 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:

- 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 your turn in for grading must be your own, formulated during the exam from your own understanding of the material and without any supporting information, be it written, verbal or electronic. Copying the work of another student, or allowing another to copy your work, or copying work from any other source, is unacceptable. Since we cannot always monitor you as you complete your work, we must rely upon appearance of your work from which to judge. If the work you submit resembles

that of another student or another source too closely, we may conclude that it was not your original work. Always make a conscious effort to complete your work on your own and to protect it from the view of others, in order to ensure that it will be seen as your own. Failure to adhere to these standards for any portion of an exam may result in a grade of zero for the entire exam or quiz for all persons involved.

- Texting, or the use of a cell phone 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.
- 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.

Electronic Media/Device 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 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).
- 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 - 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, as indicated on front page of this plan.
 - 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://oiiir.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

LGTB 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