

COGNITIVE PSYCHOLOGY

Course #: PSYC 223-01
Spring Semester 2022-2023 (2225)
MWF 10:00 am – 10:50 pm
Institute Hall (INS)-1140

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Prerequisite: PSYC-101 or PSYC-101H or equivalent course

Office Hours: Wednesdays 12:30 – 2 pm in EAS-2359 (in-person and Zoom meetings possible). Zoom Meeting ID for Wednesday Office Hours: 924 7875 0972 (or click the Zoom function in the myCourses menu bar in our course!). Other times are available by appointment (we can meet in-person or via phone or Zoom). Email is the best way to reach me to set up an appointment.

Required Resources

1. Goldstein - MindTap Psychology, 1 term (6 months) Printed Access Card for Goldstein's Cognitive Psychology: Connecting Mind, Research, and Everyday Experience, 5th Ed (ISBN: 9781337408295). MindTap includes both:
 - a. Goldstein, E.B. (2019). *Cognitive Psychology: Connecting Mind, Research, and Everyday Experience* (5th Edition). Boston, MA: Cengage
 - b. CogLab: The Online Cognition Lab
2. Other items (e.g., journal articles, videos) will be posted to myCourses.

NOTE: You *MUST* purchase the MindTap platform for the book, not just the textbook. MindTap includes the e-textbook and CogLab. See the MindTap folder in the content area of myCourses for details on purchasing and registration.

Course Description

This course examines how people perceive, learn, represent, remember, and use information. Contemporary theory and research are surveyed in areas such as attention, pattern and object recognition, memory, knowledge representation, language, reasoning, decision-making, problem-solving, creativity, and intelligence. We may also cover artificial intelligence and/or comparative cognition. This gen-ed elective course counts for the Psychology minor or immersion. It is one of the cognitive psychology pre-track courses for Psychology majors. This course is part of the degree program for Human-Centered Computing.

Goals for this Course

There are two goals for this course: attaining topical knowledge and critical thinking skills. You should be able to describe theories and experiments in the field of cognitive psychology. You will develop skills in critical analysis and scientific inquiry. You should gain the ability to read a summarized research study and identify the methods and results, and be able to interpret the results. You will get to practice your critical thinking

skills in all your assignments. You will have practice conveying your ideas in spoken and written form in article/video assignments and in-class activities and discussions.

Course Learning Outcome	Assessment Method
To develop a fundamental understanding of the field of Cognitive Psychology	Readings, Assignments, Quizzes
To develop critical thinking skills as related to the topics and research in the field of Cognitive Psychology	Readings, Assignments, Quizzes
To understand real-world applications of Cognitive Psychology	Readings, Assignments

Performance Evaluation

Assessment will be based on: (1) in-class activities, (2) article and video assignments, (3) CogLab assignments, (4) MindTap activities, (5) end-of-chapter quizzes, and (6) a reaction paper. See Table 1 for conversion of percentage grades to plus/minus equivalents.

Grading

In-Class Activities.....	15%
Article/Video Assignments (5)	25%
CogLab Assignments (12)	10%
MindTap Activities (13)	5%
Quizzes (13)	30%
Reaction Paper	15%

Table 1. Conversion of percentage grades to plus/minus equivalents.

Percentage	Plus/Minus Equivalent	Institute GPA Equivalent
93.00-100.00	A	4.00
90.00-92.99	A-	3.67
87.00-89.99	B+	3.33
83.00-86.99	B	3.00
80.00-82.99	B-	2.67
77.00-79.99	C+	2.33
73.00-76.99	C	2.00
70.00-72.99	C-	1.67
60.00-69.99	D	1.00
<60.00	F	0.00

Course Activities

Readings/Videos

Chapters from the Goldstein e-textbook are available via the MindTap platform. You should plan on giving yourself at least two hours to read each chapter (you may want to read it in two sittings). Additional required articles, optional articles, and required videos will be posted in the weekly plans in the CONTENT area in myCourses.

Lectures

There will be lectures posted in the CONTENT area of myCourses in the weekly plans. These lectures are PowerPoint slideshows. They will contain content from the Goldstein textbook, as well as some additional content from other sources that I think is important. You will not see all the lectures in the weekly plans at the start of the semester. **I will be adding these lectures one by one AFTER each one is presented during class time (they are usually posted the afternoon after I deliver the lecture in class).**

In-Class Activities

In-class activities will be done individually or in small groups during class time and will include mini-experiments, discussions, short answer written assignments, etc. These activities are designed to help you form a deeper understanding of cognition topics. The dates of these activities will not appear on the syllabus. Make sure you come to class regularly so you don't miss these activities!! No late in-class activities will be accepted and in-class activities cannot be made up. I will **drop your lowest TWO grades at the end of the semester** (so you can miss two activities without penalty). I suggest you complete some extra credit if you miss more than two in-class activities.

CogLabs

Most weeks you will complete a CogLab online lab experiment via the MindTap platform. There is one CogLab per chapter except there is no CogLab for Chapter 12 in week 13 and no CogLab in week 12 (when we cover comparative cognition). These online labs are designed to give you insight into what it is like to be a participant in classic cognitive psychology experiments, and should help you better understand the experiments and theories discussed in your textbook. At the end of each lab, you can view your own results, the class results, and global results (results from all the classes across the globe participating in CogLab). Be sure to submit your results so that I can count your CogLab as complete. There are no correct answers - I grade on completion here. If you do the labs on time you will get full credit. Each CogLab generally takes about 30 minutes.

- CogLabs are due on **Sunday (the end of our course week) at 11:59 pm**. This is so we can discuss them in class on Thursdays as needed.
- **No late CogLabs** will be accepted. A missed CogLab will receive a zero.

MindTap Activities

Most weeks you will complete an activity via the MindTap platform. There is one activity per chapter (no activities in week 12 when we cover comparative cognition). These activities should help you better understand the experiments and theories discussed in your textbook. Activities are typically interactive and always ask you two questions at the end of the activity. You should answer those questions and submit your score because these are graded. Each activity takes about 10-15 minutes.

- Activities are due by *Sunday (the end of our course week) at 11:59 pm.*
- **No late activities** will be accepted. A missed activity will receive a zero.

Quizzes

Most weeks you will take a quiz in the MindTap platform (every week except week 12 when we cover comparative cognition). There are a total of 13 quizzes (one for each chapter in the textbook).

- Each quiz contains 30 randomized questions from the weekly textbook reading (all questions come from the Goldstein textbook).
- You have one attempt to complete each quiz.
- Quizzes are open-book.
- There will be no time limit on quizzes.
- Quizzes are due by *Sunday (the end of our course week) at 11:59 pm.*
- There are **no makeups for missed quizzes**. **No late quizzes** will be accepted. A missed quiz will receive a zero.
- I will **drop your lowest quiz score** at the end of the semester.

Article/Video Assignments

- Assignments can be found in the **weekly plans** in the CONTENT area (there are 5 assignments).
- You must submit completed assignments to the Assignments **DROPBOX in [Word or pdf format.](#)**
- You must include your name, assignment, date, on each assignment.
- I will not accept any assignments through e-mail.
- *Due dates can be found in the course schedule, all article assignments are due on Thursdays at 11:59 pm. There is one video assignment due on a Sunday at 11:59 pm.*
- Late submissions will be penalized **10% of the points per day late (one letter grade down per day late)**. You may turn in late assignments up to a week past the deadline (myCourses will accept assignments after deadline, but flag that they came in late.) I will grade late assignments more slowly than the assignments that come in on time.
- These assignments will include multiple choice, fill-in-the-blank, and short answer questions.

- Short answers must adhere to standard American English and include proper grammar and punctuation (including complete sentences!). Failure to meet these requirements will negatively impact the evaluation of your short answer essays. Please proof your papers before submitting them. I will grade for content, completeness, organization, spelling, grammar, and punctuation. If you require assistance with written assignments, please take advantage of:
 - RIT's Online Writing Lab <http://www.rit.edu/academicaffairs/writing/online-writing-lab>.

Reaction Paper

At the end of the semester, you will write a short reaction paper that integrates the knowledge you have gained over the course with your own personal experiences. For example, I may ask you to discuss the three coolest things you have learned in the course and how they directly apply to your life. You will need to cite the chapter or article you found each item in. You will be expected to follow good writing principles. I will grade for content, completeness, organization, spelling, grammar, and punctuation. This paper will be due at the end of the semester. Late papers will be penalized **10% of the points per day late (one letter grade down per day late)**.

Extra Credit

You will have opportunities to receive extra credit in this course. You can participate in student and faculty research via the SONA website, or write a summary of one of the optional articles assigned in this course. I will post extra credit guidelines within the first few weeks of the course.

- Please see the deadlines posted in the course schedule on myCourses.
- **No late extra credit** will be accepted.

Course Calendar

Please see the Course Schedule posted in myCourses for the most updated version of our activities and assignments from week to week in this course. This is a living document and I reserve the right to make changes (I will announce any major changes via myCourses Announcements and/or in class). Please check the course schedule at least once per week to view all the assignments that are due for that week.

Schedule - This is important!

Each course week runs from **Monday through Sunday**. The beginning of your course week is always a Monday and the course week ends on the following Sunday.

One type of assignment is due on **THURSDAYS at 11:59 pm** so we can discuss them in class on Fridays.

- Article assignments

The other assignments are due on **SUNDAYS at 11:59 pm**

- CogLabs
- Quizzes
- MindTap activities

Here is a suggestion for how you can schedule your week:

- **MON** – Come to class for the lecture and in-class activities! Read the chapter.
- **TUES** – Read the chapter (and article if there is one)
- **WED** – Come to class for the lecture and in-class activities!
- **THURS** – Read the chapter/article, *Article assignment due*
- **FRI** – Come to class for the lecture and in-class activities! Work on CogLab, MindTap Activity and Chapter Quiz
- **SAT/SUN** – complete anything you didn't finish (*CogLab, MindTap Activity, Chapter Quiz due on Sunday*), read optional articles if interested

Department of Psychology Academic Integrity Statement

Along with the institute as a whole, the Department of Psychology is dedicated to ensuring that the highest standards of academic integrity are maintained by faculty and students. For students this means that:

- 1. any work they submit must be their own;**
- 2. they cannot use or provide to others any assistance during exams**
- 3. the contributions of others are always cited in papers;**
- 4. their work cannot be submitted to satisfy more than one academic assignment; and,**
- 5. data reported must be in accord with their findings even when they do not support the hypothesis.**

In a just academic environment, students are evaluated and appropriately rewarded or penalized on the basis of their own performance. It is unjust to try to improve one's performance by submitting someone else's work as one's own. This includes cheating on exams, copying from other students, and submitting papers that incorporate plagiarized material. Further, it is also unjust to improve another student's grade by providing unauthorized assistance. Students who observe or become aware of acts of academic dishonesty are encouraged to report these incidents to the course instructor or the Department Chair.

Faculty have the responsibility for monitoring student compliance with these expectations and will normally decide whether the offense merits receiving no credit for the contaminated assignment or further penalty. The course instructor alone decides whether the penalty will be a zero on the assignment or failure of the course. Faculty who uncover

acts of academic dishonesty will report them to the Department Chair. The Department Chair is charged with keeping records to discern whether there is a recurring pattern of dishonesty. Repeated offenses or especially serious cases may result in student expulsion from the program and/or institute.

RIT Academic Integrity Statement

As an institution of higher learning, RIT expects students to behave honestly and ethically at all times, especially when submitting work for evaluation in conjunction with any course or degree requirement. The Department of Psychology encourages all students to become familiar with the RIT Honor Code and with RIT's Academic Integrity Policy.

- RIT Honor Code: <https://www.rit.edu/academicaffairs/policiesmanual/p030>
- RIT Academic Integrity Policy: <https://www.rit.edu/academicaffairs/policiesmanual/d080>

Course Expectations

1. I expect you to come prepared to class each time we meet.
2. I expect you to turn in your assignments on time.
3. I expect you to show respect for your professor and for your classmates. During classroom discussions, do not talk or sign when others are speaking. Disruptive behavior will cause you to lose points and may result in more serious consequences.
4. I expect you to pay attention to the lecture, discussion, or in-class activity happening in class. **I expect you to TURN OFF your cell phone before class and keep it in your bag.** Do not text your friends on your cell phone during class. Please do not use any other electronic devices in class (e.g., tablets).
5. **I discourage laptop use during class.** Students who are using their laptops to run programs that are not related to class material distract their classmates and make it difficult for others to pay attention to the lecture. **Studies show that everyone's grades are affected by off-topic laptop use, not just the person using the laptop.** If you need your laptop to take notes (e.g., you are the note-taker for the class) please see me and we can discuss your laptop use. If you use a laptop you must use it ONLY for class purposes and you should sit in the back of the room if you can so that fewer people are distracted by your laptop.

Supplemental Information

1. Some students have preferred names or pronouns that differ from the information on record with the registrar. If you have a preferred name or pronoun set, please let me know in the student information sheet and I would be happy to accommodate you.
2. I am happy to answer email from students, but I may not answer you immediately. I will answer your email in a timely manner during normal business hours (typically within one business day), but I do not typically answer student email on the weekends or in the evenings after 5 pm.
3. RIT is committed to providing academic adjustments to students with disabilities. If you would like to request adjustments such as special seating or testing

- modifications due to a disability, please contact the Disability Services Office. It is located in the Student Alumni Union, Room 1150; the website is www.rit.edu/dso. After you receive adjustment approval, it is imperative that you contact me so that we can work out whatever arrangement is necessary. Keep in mind that this is an online course and the quizzes have no time limits.
4. Title IX violations are taken very seriously at RIT. RIT is committed to investigate complaints of sexual discrimination, sexual harassment, sexual assault and other sexual misconduct, and to ensure that appropriate action is taken to stop the behavior, prevent its recurrence and remedy its effects. Please view the [Title IX Rights & Resources at RIT](#).
 5. Please let me know if you are dealing with a family or medical emergency at some point during the semester. We can discuss any concerns you have about your performance in this course in person or via email, phone, or Zoom.