PSYC 3334-001: Cognitive Processes

Summer 2021

## Instructor Information

### Professor: Dr. Maxine Geltmeier

### Email Address: [maxine.geltmeier@uta.edu](mailto:maxine.geltmeier@uta.edu)

Alternative Email: maxine.mcroy@mavs.uta.edu

### Office Hours: by appointment (meetings will occur via Microsoft Teams)

\*\*\*Please note that response times are fastest when you email through Outlook compared to Canvas email.

## TA Information

Instructor: Philip Peper

Email Address: [philip.peper@mavs.uta.edu](mailto:philip.peper@mavs.uta.edu)

Office Hours: Mondays at 1pm – 3pm or by appointment (meetings will occur via Microsoft Teams)

## Course Information

### Section Information: PSYC 3334-001

### Time and Place of Class Meetings: M-Th 10:30am – 12:30pm; online

Lectures will be held on Microsoft Teams at the given time. Lectures will also be recorded and posted for review on Canvas.

Description of Course Content:

This course is intended to provide an overview of theories in human cognition and relevant phenomena. This includes reviews of research on cognition as well as discussions of theoretical applications in the real world. Instructional materials will be provided in assigned textbook readings and lecture presentations.

Student Learning Outcomes:

Instructional goals are directed toward enabling students to understand the mechanisms underlying human cognition such as attention, memory, knowledge, and thinking. In order for students to effectively participate in class, it is highly recommended that assigned readings should be completed before each class. Assessment of instructional goals will be made via quizzes and exams with questions that focus on the above knowledge and skills.

### Required Textbooks and Other Course Materials: Reisberg D. (2018). *Cognition: Exploring the science of the mind (*7th Edition), Norton.

### Descriptions of Major Assignments and Examinations:

1. Exams (online): There will be three (3) modular exams plus a cumulative Final. Each exam will be worth 100 points and equally weighted. The lowest exam grade will be dropped. All exams will cover textbook chapters and the corresponding lecture material, with an emphasis on material covered in lectures. Each exam will be composed of the concepts covered in the quizzes so each evaluation builds upon one another and facilitates student learning. Each exam must be completed by 11:59PM on the day it is scheduled. Exams will be 50 questions (two points each). Once the exam is started, students will have 60 minutes to finish. You will need LockDown Browser in order to complete the exam. Make sure LockDown Browser works for you ahead of time by practicing with the test (blank) exam on Canvas.
   1. The format for exams will be multiple-choice questions. Exam questions will be drawn from textbook, lecture material, videos, and class activities covered during the semester.
   2. Each exam will be held online. Make-ups or extensions of due date will only be given to those who meet criteria for the late work policy.
   3. All exams are close-note. That is, you may not use your notes, the book, any materials, or the internet during the exams. You are also not allowed to work with others.
   4. These exams are designed to improve your learning of the material. Every time you retrieve a concept from memory, it gets stronger and you will remember it better in the future!
   5. Before each exam, there will be a live class to review the material. Prepare questions ahead of time. The review will be question and answer format
2. Quizzes (Canvas): There will be four (4) on-line quizzes throughout the semester. Each quiz will be worth 25 points. You will have 15 minutes to complete each 10-question quiz by the due dates (see course schedule). Each quiz will be available on Canvas and due at 11:59PM on the day it is scheduled. Make-ups or extensions of due date will only be given to those who meet criteria for the late work policy.
   1. For each quiz, one question will be delivered at a time.
   2. Questions will be drawn from text, lectures, videos, etc. covered during the semester, with an emphasis on information covered in the lectures.
   3. Quizzes will be open note. That is, you can use your notes from lecture during the quiz. TAKE GOOD NOTES!
   4. Each quiz may only be taken once. If you do not take the quiz during the required period for any reason, you may not make it up without an excused absence.
   5. Late quizzes will receive a max of 50%
   6. Once a quiz has expired, it will not be reopened.
3. Homework Assignments (Canvas): There will be eleven (11) on-line homework assignments throughout the semester. Each assignment will be worth 10 points. Homework is not timed and each assignment will contain 10 questions. Homework assignments will have set due dates (see course schedule). Each assignment will be available on Canvas and due at 11:59PM on the day it is scheduled. Make-ups will NOT be available for homework assignments.
   1. Questions will be drawn from text, lectures, videos, etc. covered during the semester, with an emphasis on information covered in the lectures.
   2. Homework is open note. That is, you can use your notes from lecture while completing the assignments. TAKE GOOD NOTES!
   3. Each homework may only be submitted once. If you do not take the assignment during the required period for any reason, you may not make it up.
   4. Once a homework assignment has expired, it will not be reopened.

## Grading Information

### Grading:

The final course grade will be based on the sum of three highest exam grades, plus the sum of all points earned from the quizzes, plus the sum of the ten highest homework grades.

Three highest exams 300

Four quizzes 100

Ten highest homework assignments 100

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Total Possible 500

A = 447 points, B = 397 points, C = 347 points, D = 297 points F = 296 or lower

Make-up Exams:

If you miss an exam, a grade of zero will be given. There is no provision for taking a make-up exam or assignment in this course unless documentation for a University approved excuse (see Catalog <https://catalog.uta.edu/academicregulations/studentresponsibility/>) is received within one week of the exam or assignment date. Routine scheduled activities, such as work, doctor’s appointments, vacations, weddings, or other conflicting appointments, will not be considered excused absences. A note from a friend or family member is not acceptable documentation. A request for a makeup exam must be made in writing within one-week of the missed exam. If a student obtains instructor approval for a makeup exam, all makeup exams will be taken by appointment via Microsoft Teams with the instructor. The format of the makeup exam is at the discretion of the instructor.

## Institution Information

UTA students are encouraged to review the below institutional policies and informational sections and reach out to the specific office with any questions. To view this institutional information, please visit the [Institutional Information](http://www.uta.edu/provost/administrative-forms/course-syllabus/index.php) page (http://www.uta.edu/provost/administrative-forms/course-syllabus/index.php) which includes the following policies among others:

* Drop Policy
* Disability Accommodations
* Title IX Policy
* Academic Integrity
* Student Feedback Survey
* Final Exam Schedule

## Additional Information

### Attendance:

At The University of Texas at Arlington, taking attendance is not required but attendance is a critical indicator of student success. Each faculty member is free to develop his or her own methods of evaluating students’ academic performance, which includes establishing course-specific policies on attendance. For this online course, quizzes will serve as a proxy of attendance to indicate whether the student attended the lecture. However, while UT Arlington does not require instructors to take attendance in their courses, the U.S. Department of Education requires that the University have a mechanism in place to mark when Federal Student Aid recipients “begin attendance in a course.” UT Arlington instructors will report when students begin attendance in a course as part of the final grading process. Specifically, when assigning a student a grade of F, faculty must report the last date a student attended their class based on evidence such as a test, participation in a class project or presentation, or an engagement online via Canvas. This date is reported to the Department of Education for federal financial aid recipients.

### Emergency Exit Procedures:

Should we experience an emergency event that requires evacuation of the building, students should exit the room and move toward the nearest exit. When exiting the building during an emergency, do not take an elevator but use the stairwells instead. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist individuals with disabilities.

### Student Support Services:

UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include [tutoring](http://www.uta.edu/studentsuccess/learning-center/utsi/tutoring/index.php) by appointment, [drop-in tutoring](https://www.uta.edu/ideas/services/index.php), [mentoring](https://www.uta.edu/ideas/services/mentoring/index.php) (time management, study skills, etc.), [major-based learning centers](http://www.uta.edu/universitycollege/resources/college-based-clinics-labs.php), [counseling](https://www.uta.edu/caps/services/appointments.php), and [federally funded programs](http://www.uta.edu/studentsuccess/learning-center/mcnair-scholars/index.php). For individualized referrals, students may call the Maverick Resource Hotline at 817-272-6107, send a message to [resources@uta.edu](mailto:resources@uta.edu), or view the information at [Resource Hotline](http://www.uta.edu/studentsuccess/success-programs/programs/resource-hotline.php) (http://www.uta.edu/studentsuccess/success-programs/programs/resource-hotline.php).

### IDEAS Center:

The [IDEAS Center](https://www.uta.edu/ideas/) (https://www.uta.edu/ideas/) (2nd Floor of Central Library) offers FREE [tutoring](https://www.uta.edu/ideas/services/tutoring/index.php) and [mentoring](https://www.uta.edu/ideas/services/mentoring/index.php) to all students with a focus on transfer students, sophomores, veterans and others undergoing a transition to UT Arlington. Students can drop in or check the schedule of available peer tutors at www.uta.edu/IDEAS, or call (817) 272-6593.

## Emergency Phone Numbers

**In case of an on-campus emergency, call the UT Arlington Police Department at 817-272-3003. You may also dial 911.** If you need help for a non-emergency, the number is 817-272-3381.

## Course Schedule: Instructor reserves the right to change schedule as required to optimize student performance.

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| DATE | Day | TOPIC | Lecture/Quiz due date |
| 6/7 | M | Syllabus/The Science of the Mind | Ch. 1 |
| 6/8 | T | The Science of the Mind/Neural Basis for Cognition | Ch. 1 & 2 (HW 1 due) |
| 6/9 | W | Visual Perception/Recognizing Objects | Ch. 3 & 4 (HW2 Ch. 1 & 2 due) |
| 6/10 | TH | Paying Attention | Ch. 5 (HW 3 Ch. 3 & 4 due) |
| 6/14 | M | Review Day and Discussion (live class only) | Review day (HW 5 Ch. 5 due)  Quiz 1 Due (Ch. 1-5) |
| 6/15 | T | Exam 1 (Ch. 1-5) | Exam 1 due |
| 6/16 | W | Memory Acquisition and Working Memory System | Ch. 6 |
| 6/17 | TH | Memory Acquisition and Working Memory System | Ch. 6 |
| 6/21 | M | Memory Acquisition and Retrieval | Ch. 7 (HW6 Ch. 6 due) |
| 6/22 | T | Language | Ch. 10 (HW7 Ch. 7 due) |
| 6/23 | W | Review Day and Discussion (live class only) | Review day (HW8 Ch.10 due)  Quiz 2 Due (Ch. 6, 7, + 10) |
| 6/24 | TH | Exam 2 (Ch. 6, 7, + 10) | Exam 2 due |
| 6/28 | M | Judgement and Reasoning | Ch. 12 |
| 6/29 | T | Problem solving and Intelligence | Ch. 13 (HW9 Ch. 12 due) |
| 6/30 | W | Conscious Thought, Unconscious Thought | Ch. 14 (HW10 Ch. 13 due) |
| 7/1 | TH | Overview and Review Day (live class only) | Review Day (HW11 Ch.14 due)  Quiz 3 Due (Ch. 12-14) |
| 7/5 | M | Exam 3 (Ch. 12-14) | Exam 3 Due |
| 7/6 | T | Study Day | Quiz 4 Due (comprehensive) |
| 7/7 | W | Make-up Exams | Excused Make-up Exams Due |
| 7/8 | TH | Study Day | Nothin’ at all due |
| 7/12 | M | Final Exam (cumulative/comprehensive) | Cumulative Final Due |

\*This schedule is subject to change at the instructor’s discretion.