Cognitive Psychology
PSY 3361.0U1
50717
Summer, 2016
Lecture: Tuesdays & Thursdays 12:30pm-2:45pm
Location: GR 4.428

Professor Contact Information

Professor	Dr. Vanessa Miller
Office Phone	N/A
Email Address	vanessa.miller@utdallas.edu
Office Location	JO 4.314
Office Hours	by Appointment

TA Contact Information

TA	Matthew Kmiecik
Email Address	matthew.kmiecik@utdallas.edu
Office Location	Green Hall 2.706
Office Hours	Thursdays 3-4pm

Course Pre-requisites

Introductory or General Psychology

Course Description

This course is an introduction to the scientific study of the mind and mental processes, including perception, imagery, attention, working memory, long-term memory, semantic memory, reasoning, decision making, and language comprehension. The focus is on the current research and theory in this rapidly evolving field. We will also consider the relevance of brain-imaging and brain-injury results as well as behavioral data.

Student Learning Objectives/Outcomes

Program objective 1.1 Describe the primary objectives of scientific psychology (describing, explaining, predicting, and changing behavioral and mental processes).

Program objective 1.3 Describe, apply, and analyze selected content areas in psychology (e.g., memory, attention, language, judgment & decision making, knowledge).

Program objective 2.1 Identify and explain different research methods used by psychologists.

Required Textbooks and Materials

Cognition, Matlin, M., & Farmer, TA., 2015 (9th ed.) Wiley

Assignments & Academic Calendar

We will cover the following topics in the order below. Dates are approximate and subject to change, as announced in class.

DATE	TOPIC	CHAPTER & ASSIGNMENT
Week 1:		
5/24/16	Course Introduction; Introduction to Cognitive Psychology	Matlin Chap. 1
5/26/16	Visual and Auditory Recognition	Matlin Chap. 2 **Due: Chapter 1 Review Questions**
Week 2:		
5/31/16	Attention & Consciousness	Matlin Chap. 3 **Due: Chapter 2 Review Questions**
6/02/16	Homework Assignment/Activity	
Week 3:		
6/07/16	Working Memory	Matlin Chap. 4 **Due: Chapter 3 Review Questions**
6/09/16	Discussion, In-Class Activities, Review for Exam 1	**Due: Chapter 4 Review Questions**
Week 4:		
6/14/16	**Exam 1**	**Exam 1- Chapters 1, 2, 3, & 4** Scantron # 229630
6/16/16	Long Term Memory	Matlin Chap. 5
Week 5:		
6/21/16	Memory Strategies & Metacognition	Matlin Chap. 6 **Due: Chapter 5 Review Questions**
6/23/16	Mental Imagery & Cognitive Maps	Matlin Chap. 7 **Due: Chapter 6 Review Questions**
Week 6:		
6/28/16	General Knowledge	Matlin Chap. 8 **Due: Chapter 7 Review Questions**
06/30/16	Discussion, In-Class Activities, Review for Exam 2	**Due: Chapter 8 Review Questions**
Week 7:		
7/05/16	**Exam 2**	**Exam 2- Chapters 5, 6, 7, & 8** Scantron # 229630

7/07/16	Language I: Introduction to Language & Language Comprehension	Matlin Chap. 9
Week 8:		
7/12/16	Language II: Language Production & Bilingualism	Matlin Chap. 10 **Due: Chapter 9 Review Questions**
7/14/16	Problem Solving & Creativity	Matlin Chap. 11 **Due: Chapter 10 Review Questions**
Week 9:		
7/19/16	Deductive Reasoning & Decision Making	Matlin Chap. 12 **Due: Chapter 11 Review Questions**
7/21/16	Discussion, In-Class Activities, Review for Exam 3	**Due: Chapter 12 Review Questions**
Week 10:		
7/26/16	**Exam 3**	**Exam 3- Chapters 9, 10, 11, & 12**
7/28/16	**Exam 4 (Cumulative)**	**Chapters 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, & 12**
Week 11:		
8/02/16	Cognitive Psychology in Action	
8/04/16	What is Cognitive Psychology; Applying to Everyday Life	

Research Exposure Credits:

All students enrolled in this core class must earn research exposure credits. Details about this requirement appear on the separate handout distributed on the first day of class and are posted at http://bbs.utdallas.edu/undergraduate/rec.html and in the BBS Information Center on eLearning. Students who fail to complete this requirement by the last day of classes will receive a grade penalty for one of the core courses in which they are enrolled.

Grading Policy

1. Lectures. Lectures will provide you with a framework for understanding the reading. Lectures will generally NOT repeat the reading material; therefore, it is vital that you do the assigned readings on time AND attend class. It is advised that you read the chapters before lecture as this will help aid in your understanding of the presented material. Exams will cover material presented in lecture, readings, and assignments.

2. Assigned Readings (textbook, journal articles).

3. Exams. You will have 3 non-comprehensive exams and a cumulative 4th exam. These exams will be in class.

4. Chapter Review Questions. For each Chapter, you will pick 3 questions from the 'Chapter Review Questions' section to answer. Due dates for these questions are listed in the class schedule below. Further details will be given in lecture. (Each chapter review submission is worth a total of 7.5 points, 2.5 points per question)

5. In-Class Activities. The details of these will be further discussed in lecture.

Your grade is based on the following, totaling a maximum of 500:

Exam 1	75 points
Exam 2	75 points
Exam 3	75 points
Exam 4	150 points
Chapter Review Questions	90 points
In-Class Activities	35 points

The total points-to-grade conversion is listed below.

A range ≥ 452 points (90-93% = A-, 94-96% = A, 97%-100% = A+)
B range ≥ 402 points (80-83% = B-, 84-86% = B, 87-89% = B+)
C range ≥ 352 points (70-73% = C-, 74-76% = C, 77-79% = C+)
D range ≥ 302 points (60-63% = D-, 64-66% = D, 67-69% = D+)
Anything ≤ 295 points (59%) is a failing grade

Course Policies

Make-up exams:

Make-up exams/assignments are only possible if you have a written medical excuse and in such cases make-ups will only be given for a one-week period after the exam/due date.

Extra Credit:

Extra credit assignments will not be offered.

Late Work:

Papers, homework, assignments turned in late will have 10% deducted for each day late (this counts weekend days). No work will be accepted after one week beyond the due date.

Please note: Computer/printer/disk failures are not acceptable reasons for turning in assignments late. You are responsible for backing up anything you are working on.

Assignments:

All assignments and papers are required to be turned in via paper copy on the due date. **E-mail copies will not be accepted unless otherwise specified.**

Class Attendance:

Lectures will provide you with a framework for understanding the reading. Lectures will generally NOT repeat the reading material; therefore, it is vital that you do the assigned readings on time AND attend class. It is advised that you read the chapters before lecture as this will help aid in your understanding of the presented material. Exams will cover material presented in lecture, readings, and assignments.

Classroom Citizenship:

Class participation is strongly encouraged and helps us adjust the pace of the course. If you don't understand something, then it is likely that many other students are confused too. Do ask questions during class to clarify confusing material. If a question occurs to you after class, or if you need help with any aspect of the course, don't hesitate to contact Dr. Miller. I am available after class, by appointment, and you can also email questions and I will reply promptly.

Please turn off cell phones during class time. Students using laptops, remember that those seated behind you can see what is on your screen – no web surfing during lecture.

Comet Creed

This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:

"As a Comet, I pledge honesty, integrity, and service in all that I do."

UT Dallas Syllabus Policies and Procedures

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus.

Please go to http://go.utdallas.edu/syllabus-policies for these policies.

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor. The instructor reserves the right to alter the schedule, grading policies, office hours, etc. as necessary. If alterations must be made, students will be notified in advance.

Student Conduct & Discipline

The University of Texas System and The University of Texas at Dallas have rules and regulations for the orderly and efficient conduct of their business. It is the responsibility of each student and each student organization to be knowledgeable about the rules and regulations, which govern student conduct and activities. General information on student conduct and discipline is contained in the UTD publication, *A to Z Guide*, which is provided to all registered students each academic year.

The University of Texas at Dallas administers student discipline within the procedures of recognized and established due process. Procedures are defined and described in the *Rules and Regulations, Board of Regents, The University of Texas System, Part 1, Chapter VI, Section 3*, and in Title V, Rules on Student Services and Activities of the university's *Handbook of Operating Procedures*. Copies of these rules and regulations are available to students in the Office of the Dean of Students, where staff members are available to assist students in interpreting the rules and regulations (SU 1.602, 972/8836391).

A student at the university neither loses the rights nor escapes the responsibilities of citizenship. He or she is expected to obey federal, state, and local laws as well as the Regents' Rules, university regulations, and administrative rules. Students are subject to discipline for violating the standards of conduct whether such conduct takes place on or off campus, or whether civil or criminal penalties are also imposed for such conduct.

Academic Integrity

The faculty expects from its students a high level of responsibility and academic honesty. Because the value of an academic degree depends upon the absolute integrity of the work done by the student for that degree, it is imperative that a student demonstrate a high standard of individual honor in his or her scholastic work.

Scholastic dishonesty includes, but is not limited to, statements, acts or omissions related to applications for enrollment or the award of a degree, and/or the submission as one's own work or material that is not one's own. As a general rule, scholastic dishonesty involves one of the following acts: cheating, plagiarism, collusion and/or falsifying academic records. Students suspected of academic dishonesty are subject to disciplinary proceedings.

Plagiarism, especially from the web, from portions of papers for other classes, and from any other source is unacceptable and will be dealt with under the university's policy on plagiarism (see general catalog for details).

Email Use

The University of Texas at Dallas recognizes the value and efficiency of communication between faculty/staff and students through electronic mail. At the same time, email raises some issues concerning security and the identity of each individual in an email exchange. The university encourages all official student email correspondence be sent only to a student's U.T. Dallas email address and that faculty and staff consider email from students official only if it originates from a UTD student account. This allows the university to maintain a high degree of confidence in the identity of all individual corresponding and the security of the transmitted information. UTD furnishes each student with a free email account that is to be used in all communication with university personnel. The Department of Information Resources at U.T. Dallas provides a method for students to have their U.T. Dallas mail forwarded to other accounts.

Withdrawal from Class

The administration of this institution has set deadlines for withdrawal of any college-level courses. These dates and times are published in that semester's course catalog. Administration procedures must be followed. It is the student's responsibility to handle withdrawal requirements from any class. In other words, I cannot drop or withdraw any student. You must do the proper paperwork to ensure that you will not receive a final grade of "F" in a course if you choose not to attend the class once you are enrolled.

Student Grievance Procedures

Procedures for student grievances are found in Title V, Rules on Student Services and Activities, of the university's *Handbook of Operating Procedures*.

In attempting to resolve any student grievance regarding grades, evaluations, or other fulfillments of academic responsibility, it is the obligation of the student first to make a serious effort to resolve the matter with the instructor, supervisor, administrator, or committee with whom the grievance originates (hereafter called "the respondent"). Individual faculty members retain primary responsibility for assigning grades and evaluations. If the matter cannot be resolved at that level, the grievance must be submitted in writing to the respondent with a copy of the respondent's School Dean. If the matter is not resolved by the written response provided by the respondent, the student may submit a written appeal to the School Dean. If the grievance is not resolved by the School Dean's decision, the student may make a written appeal to the Dean of Graduate or Undergraduate Education, and the deal will appoint and convene an Academic Appeals Panel. The decision of the Academic Appeals Panel is final. The results of theacademic appeals process will be distributed to all involved parties.

Copies of these rules and regulations are available to students in the Office of the Dean of Students, where staff members are available to assist students in interpreting the rules and regulations.

Incomplete Grade Policy

As per university policy, incomplete grades will be granted only for work unavoidably missed at the semester's end and only if 70% of the course work has been completed. An incomplete grade must be resolved within eight (8) weeks from the first day of the subsequent long semester. If the required work to complete the course and to remove the incomplete grade is not submitted by the specified deadline, the incomplete grade is changed automatically to a grade of **F**.

Disability Services

The goal of Disability Services is to provide students with disabilities educational opportunities equal to those of their non- disabled peers. Disability Services is located in room 1.610 in the Student Union. Office hours are Monday and Thursday, 8:30 a.m. to 6:30 p.m.; Tuesday and Wednesday, 8:30 a.m. to 7:30 p.m.; and Friday, 8:30 a.m. to 5:30 p.m.

The contact information for the Office of Disability Services is: The University of Texas at Dallas, SU 22 PO Box 830688 Richardson, Texas 75083-0688

(972) 883-2098 (voice or TTY)

Essentially, the law requires that colleges and universities make those reasonable adjustments necessary to eliminate discrimination on the basis of disability. For example, it may be necessary to remove classroom prohibitions against tape recorders or animals (in the case of dog guides) for students who are blind. Occasionally an assignment requirement may be substituted (for example, a research paper versus an oral presentation for a student who is hearing impaired). Classes enrolled students with mobility impairments may have to be rescheduled in accessible facilities. The college or university may need to provide special services such as registration, note- taking, or mobility assistance.

It is the student's responsibility to notify his or her professors of the need for such an accommodation. Disability Services provides students with letters to present to faculty members to verify that the student has a disability and needs accommodations. Individuals requiring special accommodation should contact the professor after class or during office hours.