



Course HCS-ACN-PSYC 6395 (001)
Cognitive Psychology
Professor James Bartlett
Term Fall, 2016
Meetings Thursdays, 4-6:45 PM, JO 4.614

Professor's Contact Information

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Office Hours	Thursdays, 3 to 4 PM, or by appointment
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General Course Information

Pre-requisites, Co-requisites, & other restrictions Admission into PhD program within the School of Behavioral and Brain Sciences, or consent of instructor

Course Description An introduction to the scientific study of the mind

After completing the course, students should be able to:

demonstrate understanding of the history of cognitive psychology, including the evolution of research methods, the major theoretical issues and conflicts, and sociocultural contexts.

demonstrate an understanding of the major models and theories in cognitive psychology and outline their implications

Learning Outcomes weigh support for conclusions and identify weak, contradictory, and inappropriate assertions in the field of cognitive psychology

critically evaluate research articles to determine whether the conclusions drawn from the findings are warranted, and whether the discussion of the strengths and limitation of the work is adequate

Apply cognitive concepts, theories, and research findings to issues in everyday life.

Texts, Materials, and Requirements The text is Daniel L. Levitin, *Cognitive Psychology: Core Readings*, Pearson/Allyn & Bacon Prentice Hall, 2011. It will be supplemented with several additional readings made available to the class. There will be two in-class exams, and each student will write a 3-4 page (typed, double-spaced) critical review of a recent research article on a topic they will select in consultation with the professor. All students are also expected to contribute to in-class discussions.

Assignments & Academic Calendar

[Topics, Reading Assignments, Due Dates, Exam Dates]

Date	Topics/Readings/Exams
Aug 25	Introduction/Orientation
Sept 1	Behavioral and neural methods in cognitive psychology (Chs. 5, 30 & 31).
8	Perception: Sensing, organizing and identifying (Chs. 6 & 7).
15	Modularity: The case of face recognition (Ch. 6 from Bruce & Young, 2012). Attention: Early vs. late selection, selective attention failures and automaticity, attention in the brain (Chs. 15 & 16)
22	Attention (cont'd) Short-term and working memory: Phonological, visuospatial, executive, and episodic components (Chs. 3 & 4 from Baddeley, Eysenck & Anderson, 2013).
29	Long-term memory: Memory systems, Long-term episodic memory, forgetting and constructive processes in memory (Chs. 13 & 14, Ch. 6 from Baddeley et al., 2013).
Oct 6	In-class exam 1
13	Representation of knowledge: Modal and amodal representations, prototypes and basic-level categories (Chs. 8, 9 & 10). Due: Copy of recent research article to be reviewed
20	Judgment and Decision making: Rational and irrational processes, prospect theory (Chs. 21 & 22, and Chs. 25-29 from Kahneman, 2011)
27	Choices, stories and well-being (supplementary reading: Chs. 35-38 from Kahneman, 2011).
Nov 3	Evolutionary Cognitive Psychology (Chs. 23 & 24, and Nairne & Pandeirada, 2016).
10	Expertise (Chs. 18, 19 & 20).
17	Expertise (cont'd) Due: Critical review of recent research article
24	Winter Break (Thanksgiving)
Dec 1	In-class exam 2
8	Written Reviews due (4 PM)
<i>The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.</i>	

Course Policies

Grading (credit) Criteria	The final grade will be based on the average of your scores on the in-class exam (30%), the take-home exam (30%), the written review (30%), and the oral presentation (10%). All scoring is done using a 100 point scale (percent of total possible points obtained). An overall average of 90 or higher will lead to an A, an overall average of 80 to 89 will lead to a B, and overall average of 60 to 79 will lead to a C.
Make-up Exams	Students unable to turn in or take an exam or paper at the scheduled time should inform the professor or Teaching Assistant two days in advance. In the event of an accident, illness or other unforeseen emergency, the student should call 972-883-2079 as soon as is practical to alert the professor. Make-up exams, and extensions, if appropriate, will be scheduled on an individual basis.
Class Attendance	Attendance is assumed and is strongly related to performance and achievement of learning outcomes.
Classroom Citizenship	Discussion is welcome and questions are encouraged.
Student Conduct and Discipline	<p>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, <i>A to Z Guide</i>, which is provided to all registered students each academic year.</p> <p>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 <i>Rules and Regulations, Board of Regents, The University of Texas System, Part 1, Chapter VI, Section 3</i>, and in Title V, Rules on Student Services and Activities of the university's <i>Handbook of Operating Procedures</i>. 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, 972/883-6391).</p> <p>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.</p>
Comet Creed	<p><i>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:</i></p> <p>"As a Comet, I pledge honesty, integrity, and service in all that I do."</p>
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.
Syllabus Policies and Procedures	<p style="text-align: center;">UT Dallas Syllabus Policies and Procedures</p> <p style="text-align: center;">The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus.</p> <p style="text-align: center;">Please go to http://go.utdallas.edu/syllabus-policies for these policies.</p>

Off-Campus Instruction and Course Activities	<p>Off-campus, out-of-state, and foreign instruction and activities are subject to state law and University policies and procedures regarding travel and risk-related activities. Information regarding these rules and regulations may be found at http://www.utdallas.edu/BusinessAffairs/Travel_Risk_Activities.htm. Additional information is available from the office of the school dean.</p>
Disability Services	<p>The goal of Disability Services is to provide students with disabilities educational opportunities equal to those of their non-disabled peers.</p> <p>Office: SSB3.200 Mon-Thurs 8a.m.-5:30p.m. Fri 8 a.m.-5 p.m.</p> <p>Appointments by request. studentaccess@utdallas.edu</p>