

PSY 381 EXPERIMENTAL PSYCHOLOGY I: LEARNING

4 credits, FALL 2017

11:20 - 13:10 – Monday RA03

10:20 - 12:10 – Friday RA03

INSTRUCTOR: Asst. Prof. Hande Kaynak

Office: 323

Office hours: No specific day, you should make an appointment via e-mail to see me.

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COURSE DESCRIPTION: This course provides an introduction to the basic principles of learning and behavior. It will emphasize the theories and learning styles about cognitive behavior analysis, and to teach the different propositions about behavioral and cognitive theories of learning, the objectives and methods of scientific experiments with their results, their contributions to the theoretical developments and their application areas in the daily life.

STUDENT LEARNING OUTCOMES:

- 1) gain an overview about theories and methods of cognitive psychology.
- 2) learn how learning principles work in both animals and humans.
- 3) apply learning theories and principles to the experiences in daily life.

REQUIRED TEXTBOOK:

Powell, R. A., Symbaluk, D. G., & Honey, P. L. (2008). *Introduction to Learning and Behavior* (3rd edition). Cengage Learning.

<u>EVALUATION:</u>	<u>%</u>	<u>Date</u>
Midterm (2)	60%	November 13 & December 11
Final (1)	40%	To be announced

Midterm and *Final* will consist of multiple-choice questions. Final is cumulative which means it includes all the topics covered in the class.

Attendance is essential for you to pass the course! You are strongly recommended to attend the classes. You will **not** get extra points though.

Classroom Etiquette:

- Cell phones or smart-device use is not allowed.
- Caution: This is a fast-paced course. Pulling all-nighters and cramming before the exams are probably not going to cut it. Reading chapters on time and participation to the class are the best strategies for learning the material and enjoying the process.

COURSE OUTLINE

Note: Schedule subject to change/update with appropriate notification to students

Date	Topic
Sep 25	Introduction
Sep 29	What is learning? Basic principles of learning, kinds of Learning. Read: Chapter 1
Oct 02	Five Schools of Behaviorism Read: Chapter 1
Oct 06	Research Methods: Contiguity and Contingency Read: Chapter 2
Oct 09	Research Methods: Recording Methods Read: Chapter 2
Oct 13	Elicited Behaviors and Classical Conditioning. Read: Chapter 3
Oct 16	Classical Conditioning: Basic Procedure and Definitions Read: Chapter 3
Oct 20	Classical Conditioning: Temporal Arrangement of Stimuli Read: Chapter 3
Oct 23	Classical Conditioning: Overshadowing, blocking, and latent inhibition. Read: Chapter 4
Oct 27	Classical Conditioning: Underlying Processes and Practical Applications. Read: Chapter 4
Oct 30	Classical Conditioning: Rescorla-Wagner Theory Read: Chapter 5
Nov 03	Classical Conditioning: Compensatory-Response Model Read: Chapter 5
Nov 06	Treating Phobias Read: Chapter 5
Nov 10	Operant Conditioning: Introduction (Thorndike & Skinner). Read: Chapter 6
Nov 13	MIDTERM I
Nov 17	Operant Conditioning: Four Types of Contingencies Read: Chapter 6
Nov 20	Schedules of Reinforcement. Read: Chapter 7
Nov 24	Schedules of Reinforcement. Read: Chapter 7
Nov 27	Theories of Reinforcement: Hull & Sheffield Read: Chapter 7
Dec 01	Theories of Reinforcement: Premack Read: Chapter 7
Dec 04	Theories of Reinforcement: Timberlake & Allison Read: Chapter 7
Dec 08	Extinction Read: Chapter 8
Dec 11	MIDTERM 2
Dec 15	Stimulus Control Read: Chapter 8
Dec 18	Escape vs. Avoidance Read: Chapter 9
Dec 22	Learned Helplessness Read: Chapter 9
Dec 25	Punishment. (Theories and Problems) Read: Chapter 9
Dec 29	Cognitive Learning (Köhler, Bandura, Tolman, Menzel) not in your book!