

Course Name: Learning Psychology		Course Level: Undergraduate			Language: English	
Course Code	Prerequisites	Corequisites	(T + P hours)	ECTS Credit	Type	
PSYC2502	-	-	3+0	5	Compulsory	

Course objectives: Defining the theories and processes related to learning and discussing the applications related to learning.

Course description: Introduction to the basic principles of learning processes such as classical conditioning and instrumental conditioning. Description of the theories in the field of learning. Consideration of the application of the conditioning processes within various settings regarding animals and humans. Discussion of various learning theories with emphasis given to experimental studies. Relation the conventional theories to machine learning. Finding and analyzing real-world examples of the principles of learning.

Evaluation system (in percentages):

Midterm	Quiz(1-2)	Final	Total
%30	%10-%10	%50	100

Reference

Domjan, M. P. (2014). *The principles of learning and behavior*. Cengage Learning.

Weekly Course Topics

Week	Topic
1.	Introduction
2.	Defining the theories and processes related to learning and discussing the applications related to learning
3.	Emerging Behaviors, Habituation and Sensitization
4.	Classical Conditioning: The Basics
5.	Classical Conditioning: Mechanisms
6.	Operant Conditioning: The Basics
7.	Midterm
8.	Reinforcement Schedules and Theories
9.	Operant Conditioning: Motivational Mechanisms
10.	Extinction - Stimulus Control
11.	Avoidance and Punishment

12.	Selection, Matching and Self Control
13.	Observational Learning, Language and Rule Based Learning
14.	An overview

Contribution of the Course to the Program Outcomes

Course Outcomes

Students will gain the following knowledge and skills at the end of the course:

1. Describe the theories in the field of learning.
2. Explain how human and animal behavior can be controlled.
3. Get familiar with the research methods used in studies about learning
4. Find and analyze real-world examples of the principles of learning.

	Program Outcomes	CO1	CO2	CO3	CO4
1.	To examine and compare different concepts in subfields of psychology and to have basic application skills.	X	X	X	
2.	To apply analytical and critical thinking skills in various fields of psychology, to be able to solve the problems related to the field with contemporary methods.		X		X

3.	The student has the skills to interpret facts, events and data, to define and analyze problems, to develop solutions based on research and evidence by using the knowledge and skills they have acquired in the field.		X		X
4.	Discussing and criticizing professional and ethical issues in program design and professional practice.				
5.	To explain the procedures and rules in psychological measurement and interview techniques, and to develop the ability to apply them at a basic level.				
6.	Adopting the rules of the positivist method and designing scientific research, collecting data, analyzing data and scientifically reporting the results.				
7.	To gain the basic principles of scientific thinking, to be able to separate and / or integrate the knowledge gained by other disciplines with a critical point of view.				
8.	To develop the competence for using the necessary information and communication technologies used to reach and spread information.				
9.	To use oral and written communication skills effectively both in Turkish and at least one foreign language.				

10.	Working effectively in individual and multidisciplinary research teams.				
11.	To develop respect for interpersonal and cultural diversity and to have social responsibility.				
12.	To be aware of psychological resilience, personal and professional development.				

Course Evaluation and ECTS Workload			
Types of Work	Number		
		ECTS Workload	
		Time	
Attendance	14	3	42
Final exam	0	0	0
Quizzes	0	0	0
Semester project	0	0	0
Assignments	0	0	0
Final project	0	0	0
Seminar	0	0	0
Duties	0	0	0
Presentation	0	0	0
Midterm	2	20	40
Project	0	0	0
Lab	14	0	0
Private lesson time	0	0	0
Other (Personal study)	14	3	42
		Total workload	124
		Total workload/25	4.96
		ECTS Credit	5

Teaching Methods and Techniques: Lecture, Discussion, Homework

Prepared By:

Date: