

SYLLABUS PSYCHOLOGY 282 LEARNING & MEMORY – 9/06

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Text: 5th Edition - Principles of Behavior by Malott & Suarez

Below is a list of some topics we will be covering early in this course. I do not give a day-by-day schedule, as I believe it is more academically sound to use feedback on how well students are learning the material before progressing. Hopefully, many, if not all students are coming close to mastering the material before we progress. We will always announce in class what the assignment is for next class, so be sure to know what is next before you leave class.

1. WHERE IS PSYCHOLOGY/LEARNING/SCIENCE AT IN YOUR LIFE?

We start this class with two surveys, one survey is about psychology and general areas of life, the second survey deals with views about extraordinary claims. We will look at these views late in the semester, to see how a semester's study of science, learning, and psychology content influenced your views or opinions about daily life. Hopefully these surveys allow you to look at where psychology is at work in your life.

2. UNIT ON EDUCATION AND THE COURSE PROCEDURES:

The first assignments in the course will be on education. I try to build my class procedures around what we know about learning. I summarize these learning principles with a memory aid (a mnemonic device) LEARN IT BEST. An early assignment in this course is to study and to be tested on the Procedure Manual. This Procedures Manual is set up in sections using the mnemonic LEARN IT BEST. See the PROCEDURE MANUAL for all that you want to know about the course

procedure. It gives much of the information that a class syllabus gives. The first test in the course is on the Procedure Manual.

Except as noted in class we will follow the sequence of the book.

Table of Content

- 1 The Reinforcer.
 - 2 Reinforcement.
 - 3 Escape.
 4. Punishment.
 5. Penalty.
 6. Extinction and Recovery.
 7. Differential Reinforcement and Punishment.
 8. Shaping.
 9. Unlearned Reinforcers and Aversive Conditions.
 10. Special Establishing Operations.
 11. Learned Reinforcers and Aversive Conditions.
 12. Discrimination.
 13. Stimulus Generalization, Concept Training, and Stimulus Fading.
 14. Imitation.
 15. Avoidance.
 16. Punishment by Prevention.
 17. Ratio Schedules.
 18. Time-Dependent Schedules.
 19. Concurrent Contingencies.
 20. Stimulus-Response Chains and Rate Contingencies.
 21. Respondent Conditioning.
 22. Analogs to Reinforcement I.
 23. Analogs to Reinforcement II
 24. A Theory of Rule-Governed Behavior.
 25. Pay for Performance.
 26. Moral and Legal Control.
 27. Maintenance.
 28. Transfer.
 29. Research Methods.
 30. Jobs and Grad School.
- Glossary.

