

**PSYC45S**  
**1997**  
**APPLIED PSYCHOLOGY OF LEARNING**  
2 - 4 p.m., Room R3205a  
Instructor: Professor G. B. Biederman,  
Tel: 287-7433, Rm: S-560

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- 1 Introduction to course (1/8/97)
- 2 Theoretical trends in human operant conditioning  
Text: pp. 5-30, 30-37. (1/15/97)
- 3 The applied analysis of behavior (AAB): Current trends  
Text: pp. 37-71, 71-83. (1/22/97)
- 4 **Term Exam 1 (20%) -- (1/29/97)**
- 5 Theoretical implications from AAB, research directions in AAB and review  
Text: pp. 83-103. (2/5/97)
- 6 Are animal data relevant to AAB? (2/12/97)
- 7 Clinical problems for AAB (2/26/97)
- 8 **Term exam 2 (20%) -- (3/5/97)**
- 9 The use of token economies in AAB and review  
Text: pp. 103-133. (3/12/97)
- 10 Aging and attention  
Text: pp. 133-145. (3/19/97)
- 11 Human competition and AAB  
Text: pp. 145-159. (3/26/97)
- 12 Quantitative analysis and AAB (4/2/97)
- 13 Review for final exam (35%) (4/9/97)

This course considers recent developments and clinical implications in human operant conditioning. The text presents a primary experimental source for each topic. Quizzes and final are of the short essay variety. The final will emphasize material after term exam 2, but will cover the entire course. In addition, students are required to submit a paper on a topic of their choice relevant to course content and approved by instructor. Papers will review a specific research area in applied learning and suggest an experiment that could resolve a problem in the area. The paper will, in effect, consist of an Introduction and Methods section of a laboratory report (with appropriate citations). (25%) **(Approval by 2/26/97, Due by 4/2/97)**

**Required Text:** G. B. Biederman (1990). Readings in the Applied Psychology of Learning. Toronto: Canadian Scholars' Press.