

**LEARNING LABORATORY
PSYCHOLOGY C42S
1996**

Prof. G. B. Biederman (287-7433, S-560)
TA: J. C. Le Boutillier (287-7449, S-557)

| | LECTURE TOPIC: (11 a.m. -1 p.m., Room H215) | READINGS |
|----|--|-----------------|
| 1 | Learning in Historical Context | B&H: Ch 1 |
| 2 | Instrumental Learning (R-S?) | B&H: Ch 2 |
| 3 | Classical Conditioning (S-S) B: Ch 5, | B&H: Ch 3 |
| | <u>Term exam 1</u> | |
| 4 | S-R Learning and Hullian Theory (1) | B&H: Ch 5 |
| 5 | S-R Learning and Hullian Theory (2) | |
| 6 | Expectancy Theory | B&H: Ch 11 |
| | <u>Term exam 2</u> | |
| 7 | Contiguity Learning | B&H: Ch 4 |
| 8 | Operant Conditioning (1) | B: Ch 4 |
| 9 | Operant Conditioning (2) | B&H: Ch 14 |
| | <u>Term exam 3</u> | |
| 10 | Current Research Topics | TBA |

| | LABORATORY: | (Room S562) |
|---|-------------------------|----------------------------|
| 1 | Classical Conditioning: | The role of reflexes |
| 2 | Classical Conditioning: | Autoshaping |
| 3 | Operant Conditioning: | Shaping of the operant |
| 4 | Operant Conditioning: | Schedules of reinforcement |

| | EXAMS: |
|---|---|
| 1 | Basic learning concepts (lectures 1,2,3) |
| 2 | S-R learning, expectancy and contiguity (lectures 4,5,6,) |
| 3 | Operant conditioning (7,8,9) |
| 4 | Final (all lectures) |

TEXTBOOKS:
Bower & Hilgard: Theories of Learning 5th Ed.
(Biederman: Methods and Strategies in Psychological Research)

| GRADING METHOD: | |
|----------------------------------|-------|
| Three term exams 10% each | (30%) |
| Final | (30%) |
| Four Laboratory exercises % each | (40%) |

This course will discuss the evidence and logic of important theoretical views of learning drawing mainly on animal evidence. The purpose of the lectures is to permit class discussion of issues related to each topic. Exams will be of multiple choice variety. There will be four laboratory exercises during the term associated with important topics covered in lecture. The requirements for each lab report will vary from simple data to a brief full report.