

CPSY 530 Advanced Behavior Analysis II Spring 2009

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Required Readings:

The text is available from SCSU book store or other sources (e.g., Amazon.com)

<http://www.bkstr.com>

Cooper, J.O., Heron, T.E., & Heward, W.L. (2007). Applied Behavior Analysis 2nd Ed. New Jersey: Pearson Prentice Hall.

Course Overview

This course is designed to provide an advanced study of behavioral principles and strategies used to change behavior. The textbook content is closely aligned with the Behavior Analyst Task List – Third Edition. See the Behavior Analyst Certification Board web site for certification requirements.

<http://www.bacb.com>

Course Prerequisite: CPSY 630

Course Objectives

1. Identify the scientific and philosophical roots of ABA.
2. Describe the defining characteristics of ABA.
3. Compare and contrast respondent and operant behavior and how the environment affects each type of behavior.
4. Identify the basic unit of analysis in the analysis of operant behavior.
5. Describe how to select, define, and measure behavior.
6. Construct and interpret graphs of behavioral data.
7. Understand the assumptions and strategies for analyzing behavior change.
8. Describe the logic and operation of typical research designs in ABA.
9. Define and provide examples the basic principle of reinforcement as well as schedules of reinforcement.
10. Discuss guidelines for using the principle of reinforcement effectively.

11. Define and provide examples of the basic principle of punishment.
12. Discuss guidelines for using punishment procedures effectively.
13. Define and provide examples of motivating operations.
14. Define and provide examples of stimulus control.
15. Describe how to use imitation training, shaping, and chaining to establish new behavior.
16. Define and provide examples of the principle of extinction.
17. Discuss guidelines for using extinction effectively.
18. Define and provide examples of differential reinforcement (DRO, DRI, DRA, DRL).
19. Discuss guidelines for using differential reinforcement effectively.
20. Define, provide examples, and give guidelines for using antecedent interventions effectively (noncontingent reinforcement, high probability request sequence, and functional communication training).
21. Describe the role of functional behavior analysis in assessment and intervention of challenging behavior.
22. Discuss procedures for conducting functional behavior analyses.
23. Understand Skinner's verbal behavior, especially as applied to teaching language and communication.
24. Define, provide examples, and give guidelines for applications of behavior analysis that make use of multiple principles and strategies (contingency contracting, token economy, group contingencies, self-management).
25. Explain strategies and tactics used to promote generalized behavior change that maintains across time.
26. Understand ethical codes of behavior for behavior analysts.

Chapter Objectives, Chapter Summaries, Guided Notes and Interactive Chapter Review Quizzes can be found at:

http://wps.prenhall.com/chet_cooper_appliedbeh_2

Discussion

Students may wish to use the D2L to discuss the course content with classmates. Discussion is available for your benefit, but not required.

Grading will be based on:

5 Tests (50 points each) Total: 250 points

An optional Final will be available to replace your lowest test score. The Optional Final is comprehensive.

Course grades:

A = 90% of points

B = 80% of points

C = 70% of points

D = 60% of points

Course Evaluation

On the tool bar you can click survey and the course evaluation can be completed. Your answers are anonymous and we appreciate your feedback.

Contacting Instructors

This course is team taught by 3 instructors. **Do not e-mail all 3 of us. If we see an e-mail addressed to all of us, none of us will respond.** You should contact the instructor whose name is identified next to the set of

chapters for each test. For example, Dr. Rudrud will answer questions from the time the course begins until the Test 1 deadline.

Very important: Put the name of the course in the subject line of your e-mail (CPSY 530 ABA II). We teach multiple courses and we filter emails by course name, so including this in the subject heading ensures a more timely response.

Instructors have additional responsibilities and assignments. We do read emails and will respond, however, there are times when we are out of town. We will respond as quickly as possible. Please feel free to email and call.

Incompletes

University policy is that incompletes are given only when there are unusual extenuating circumstances. If you do not finish the course within the semester and receive an inadequate grade, you will be required to register for the class the next semester. Please review your current obligations to make sure that you can complete the course on time. **Please be aware that the last day to withdraw from a class can be found on-line at <http://www.stcloudstate.edu/registrar/>**

Testing Procedure –

Tests cover all instructional material and consist of 50 multiple choice tests with the exception of Tests 1 and 2. These two tests include both multiple choice items and a paper and pencil component. Test 1 consists of mc and short answer questions regarding ioa and graphing and research design. Test 2 consists of mc and short answer questions regarding research design and data interpretation.. **For TEST 1 a GRAPHING, you may use a calculator. TEST 2 a RESEARCH DESIGN you do not need to use a calculator.** Tests will be given by your proctor on a computer with the exception of the paper and pencil items. The paper and pencil part of the test will be mailed to proctors and should be mailed back to

**April Rapp, M.A., BCBA
Coordinator of Online Support Services, ABA Program
Center For Continuing Studies
St. Cloud State University
St. Cloud, MN 56301- 4498**

The multiple choice portions of the tests are timed. You will have 90 minutes to complete the computer test items.

Tests are available for three days up until midnight Central Standard Time of the due date posted in the Course Schedule below.

In order to access the tests on D2L, your proctor must have a password. You need to contact:

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(320) 308 – 3873

alrapp@stcloudstate.edu

Continuing Studies will then contact your proctor to provide the password.

Test Feedback

We do not post the answers to the exam online. If you are interested in feedback, please call the instructor who is responsible for the particular test and we can provide feedback. If you have any questions or concerns, feel free to contact the instructor.

Resources

Students may access a web site that provides chapter summaries, guided notes, and practice multiple choice exams and essay questions. Go to http://wps.prenhall.com/chet_cooper_appliedbeh_2 , click on the chapter you are studying (top banner) and then you may access the different units.

Course Schedule

Course Chapters	Topic	Instructor
PART I.	INTRODUCTION AND BASIC CONCEPTS	
Chapter 1	Definition and Characteristics of Applied Behavior Analysis	Dr. Rudrud
Chapter 2	Basic Concepts	
PART II.	SELECTING, DEFINING, AND MEASURING BEHAVIOR	
Chapter 3	Selecting and Defining Target Behaviors	
Chapter 4	Measuring Behavior	
Chapter 5	Improving and Assessing the Quality of Behavioral Measurement	
PART III.	EVALUATING AND ANALYZING BEHAVIOR CHANGE	
Chapter 6	Constructing and Interpreting Graphic Displays	
Chapter 7	Analyzing Behavior Change: Basic Assumptions and Strategies	
Test 1 on chapters 1-7 – January 26-28		Dr. Rudrud
Chapter 8	Analytic Tactics Using Withdrawal, Reversal, and Multi-Element Treatment Conditions	Dr. Schulze
Chapter 9	Analytic Tactics Using Multiple Baselines and Changing Criteria	

Chapter 10 Planning, Conducting, and Evaluating Research in Applied Behavior Analysis

PART IV. REINFORCEMENT

Chapter 11 Positive Reinforcement

Chapter 12 Negative Reinforcement - Brian A. Iwata and Richard G. Smith

Test 2 on chapters 8-12 – February 16-18

Dr. Schulze

Chapter 13 Schedules of Reinforcement

Dr. Edrisinha

PART V. PUNISHMENT

Chapter 14 Punishment by Presentation of a Stimulus

Chapter 15 Punishment by Removal of a Stimulus

PART VI. ANTECEDENT VARIABLES

Chapter 16 Motivating Operations - Jack L. Michael

Chapter 17 Stimulus Control

Test 3 on chapters 13-17– March 16-18

Dr. Edrisinha

PART VII. DEVELOPING NEW BEHAVIOR

Chapter 18 Imitation

Rudrud

Dr.

Chapter 19 Shaping

Chapter 20 Chaining

PART VIII. DECREASING BEHAVIOR WITH Nonpunishment procedures

Chapter 21 Extinction

Chapter 22 Differential Reinforcement

Chapter 23 Antecedent Interventions

Test 4 on chapters 18-23– April 6-8

Dr. Rudrud

PART IX. FUNCTIONAL ANALYSIS

Chapter 24 Functional Behavior Assessment — Nancy A. Neef and Stephanie M. Peterson

Dr. Edrisinha

PART X. VERBAL BEHAVIOR

Chapter 25 Verbal Behavior - Mark Sundberg

PART XI. SPECIAL APPLICATIONS

Chapter 26 Contingency Contracting, Token Economy, and Group Contingencies

Chapter 27 Self-Management

PART XII. PROMOTING GENERALIZED BEHAVIOR CHANGE

Chapter 28 Generalization and Maintenance of Behavior Change

PART XIII. ETHICS

Chapter 29 Ethical Considerations for Applied Behavior Analysts –

Test 5 on chapters 24-29 – April 27-29

Dr. Edrisinha

Optional Final (Comprehensive) – April 27-29

Course evaluation – May 4th