

CPSY 433 Advanced Applied Behavior Analysis

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Required Text Rudrud, E. (2009) Applied Behavior Analysis: Home grown from the field. (2nd Ed.) Available from SCSU Bookstore

Supplemental Text(s) (For Additional information)

Miltenberger, R. G., (2008). Behavior Modification: Principles and Procedures (4th Ed). Brooks/Cole Publishing Company.

Martin, G., & Pear, J. (1999). Behavior modification: What it is and how to do it. New Jersey: Prentice Hall.

Cooper, J.O., Heron, T.E., Heward, W.L. (2008) Applied Behavior Analysis (2nd Ed)
Columbus: Merrill Publishing Co.

Purpose: The purpose of CPSY 433 is to provide an overview of the principles of applied behavior analysis in educational and human service settings.

Requirements: Each student is required to complete: readings, articles on reserve, and tests.

A total of **8 tests**, each test is worth 35 points and consists of multiple choice and short answer questions. Tests 2,3,4,5,6, &7 include short answer items (5 points) over the electronic reserve readings. To help identify the important points of the article it is recommended that you complete an article review sheet, available on Desire2Learn. A completed article review sheet over the first article is provided on D2L. You do not have to turn in your article review sheets. An optional Final is provided to replace your lowest score.

Tests:

1. Click on Quizzes on D2L. You will see practice quizzes and the real tests displayed.
2. **Practice Quizzes** – These are for your use, you may review them and take them at any time.
3. **TESTS** – These are the real tests that are listed under quizzes, scroll to the bottom of the window if you do not see them. Each test consists of m/c and short answer questions over the “text” material and article readings. The tests are timed (60 minutes, most students finish within 30 minutes). Your grade for the course is based upon points earned on the Tests, not the practice quizzes.
 - a. Tests are DUE by dates noted below. Each test has a window of opportunity, this is noted on the availability notation next to the Test Name listed in quizzes posted in D2L, please review these dates and plan accordingly. It is your responsibility to make arrangements for testing.
 - b. To access the test, your test monitor/proctor must have a password. The password comes from the Center for Continuing Studies.
 - c. You are able to access the test only one time, make sure you have the time available to complete the test online.
 - d. You may schedule time to take the tests at the Center for Continuing Studies. Make sure you schedule 24 hours in advance and be aware of their hours of operation.
 - e. If you are not close to campus you will need to make arrangements for a test monitor and access a computer. Go to http://www.stcloudstate.edu/continuingstudies/distance/stu_resources.asp. Fill out the Monitor Request form and send in immediately.
 - f. **Test 3 requires the short answer items to be completed on paper.** You will need to take the part of test 3 on the computer and the last part on paper. Make sure you take the second part of test 3.
 - g. Tests are scored by the computer and by humans. When you complete the multiple choice questions, the computer will score these questions. The short answer questions are not scored by the computer. The computer will enter a default value of 0 for the short answer and your total will not be correct. It takes a while to

grade the short answer so your total will be adjusted when the short answer questions are graded.

- h. Tests will be available on a schedule with designated start and stop times. You must complete the test within the designated time period. If you miss the time period, a score of 0 will be entered.
 - i. If you miss a test (for any reason, do not ask to reschedule) your only option is to take the Optional Final, which is a comprehensive exam to replace the score of 0.
 - j. Time is defined by Central Standard Time.
 - k. Optional Final – this will replace your lowest test score. It is comprehensive and will not hurt you, i.e. if the optional final is your lowest test score, this will be dropped.
 - l. If you are traveling or have upcoming events scheduled in your life, you must complete the test during the designated time period.... Therefore plan accordingly or drop the course. Do not call and ask for an extension.
 - m. Do not procrastinate. Do not plan on taking the tests the last hour of the open time. You need to check your proctor's availability to schedule the tests. It is your responsibility to complete the tests within the allocated time periods.
4. There are no incompletes, extensions, extra credit, etc. Bonus questions are used in the tests, i.e., your tests are graded out of 35 even though there may be more questions.
5. **Grades:** Grades are based upon the following:
- a. **A = 90%**
 - b. **B = 80%**
 - c. **C = 70%**
 - d. **D = 60%**

Questions and Contacts

If you have questions about the course or content you may contact the instructor by phone or email. If you are interested in your scores on the exams, you may call me and I will go over the items with you. I do not provide copies of the exams or questions.

Discussion. There is no required discussion, this is made available to students for their own use. You may post a question and review responses if desired.

Course Content - CPSY 433 Advanced Behavior Analysis includes the following:

Course Syllabus course syllabus

Quizzes. The Practice Quizzes, and Real Tests are listed below the practice quizzes, you may need to scroll down. To access a REAL test a password is required.

PowerPoint presentations – used for my on campus classes, for your reference

Glossary explanation and definition of concepts covered in course

SCSU electronic reserve link to SCSUs electronic reserve system for accessing articles on your computer.

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.

What material do I need to read? Each test covers materials presented in 2 week units. Unit test 1 covers the content presented during weeks 1 and 2, Unit 2 covers materials presented during weeks 3 and 4, etc. The articles are listed below.

Weeks	Unit Test	Topics	DUE DATE
1&2	1	Overview of Applied Behavior Analysis, Classical Conditioning, Operant Conditioning, Proactive Programming	9/9-10
3&4	2	Defining, Measuring, and Recording Behavior + articles	9/23-24
5&6	3	Experimental Designs, Reliability, and Graphing Data + articles	10/7-8
7&8	4	Overview of Behavior Principles, Discriminative Stimuli, Consequences of Behavior + articles	10/21-22
9&10	5	Positive and Negative Reinforcement, Schedules of Reinforcement + articles	11/4-5
11&12	6	Teaching New Behaviors, Task Analysis, Chaining Formats, Prompts, Fading + articles	11/18-19
13&14	7	Decreasing Behaviors: Positive and Negative Contingencies + articles	12/2-3
15&16	8	Maintenance, Generalization, Self Management, and Program Strategy	12/9-10
		Optional Final	12/9-10

Articles:

Week 3&4 Defining, Measuring, and Recording Behavior

Rudrud, E., & Ziarnik, J., & Colman, G. (1984) Reduction of tongue protrusion in a 24 year old woman with Downs Syndrome through self-monitoring. American Journal of Mental Deficiency, 88, 647-653.

Jones, K. M., & Friman, P.C. (1999) A case study of behavioral assessment and treatment of insect phobia. Journal of Applied Behavior Analysis, 32, 95-98.

Week 5&6 Experimental Designs, Reliability, and Graphing Data

Rudrud, E. & Striefle, S. (1981) Eight to twelve hertz occipital EEG training with moderate and severely retarded epileptic individuals. Australian Journal on Developmental Disabilities, 7, 173-179.

Engleman, K.K., Altus, D.E., & Mathews, R.M. (1999) Increasing engagement in daily activities by older adults with dementia. Journal of Applied Behavior Analysis, 32, 107-110.

Week 7&8 Overview of Behavioral Principles.

Rapp, J.T., Miltenberger, R.G., Long, E.S., Elliott, A.J., Lumley, V.A. (1998) Simplified habit reversal treatment for chronic hair pulling in three adolescents: A clinical replication with direct observation. Journal of Applied Behavior Analysis, 31, 299-302.

Heard, K. & Watson, T.S. (1999) Reducing wandering by persons with dementia using differential reinforcement. Journal of Applied Behavior Analysis, 32, 381-384.

Week 9 & 10 Positive and Negative Reinforcement, Schedules of Reinforcement

Rudrud, E. Rice, J., Robertson, J., & Olsen, N. (1984) Increase in work production through self-monitoring. Vocational Evaluation and Work Adjustment Bulletin, 17, 14-18.

Craft, M.A., Alber, S.R., & Heward, W.L. (1998) Teaching elementary students with developmental disabilities to recruit teacher attention in a general education classroom: Effects on teacher praise and academic productivity. Journal of Applied Behavior Analysis, 31, 399-415.

Week 11 & 12 Teaching New behaviors, Task Analysis, Chaining Formats, Prompts, Fading

Rudrud, E., Giere, S., & McKay, S. (1989) Functional meal planning and preparation. Australian and New Zealand Journal on Developmental Disabilities, 15, 81-97.

Osborne, K, Rudrud, E., & Zezoney, F. (1990) Improved curve ball hitting through addition of visual prompts. Journal of Applied Behavior Analysis, 23, 371-377.

Week 13 & 14 Decreasing Behaviors: Positive and Negative Contingencies

Ludwig, T.D., Gray, T.W., Rowell, A. (1998) Increasing recycling in academic buildings: A systematic replication. Journal of Applied Behavior Analysis, 31, 683-686.

Rudrud, E. & Halaszyn, J. (1981) Reduction of bruxism by contingent massage. Special Care in Dentistry, 1, 122-124

Student Responsibilities

This is a distance based course where you are expected to read the syllabus and meet all requirements. By taking this course you agree to the following:

1. It is your responsibility to make arrangements for testing and proctors. This is done through the Center for Continuing Studies and if you are away from campus you must make arrangements to take the exam under an Approved Proctor.

<http://www.stcloudstate.edu/continuingstudies/distance/proctored.asp>

2. It is your responsibility to complete the tests within the designated time period. If you miss a test a score of 0 will be entered.

3. You are aware of the dates and times the tests are available. Mark them on a calendar, check and schedule your exams accordingly.

4. You are aware of your proctor/test center hours of operation. It is your responsibility to be aware.

5. You are aware there are no incompletes or extensions.

6. You are aware of the drop and withdraw dates as listed on the SCSU Registration Calendar.

7. You have read the syllabus and understand all course requirements.

Please note, the faculty have full time teaching assignments and additional responsibilities such as internship supervision, research, university assignments, and other duties. As such we are not available every day of the week. If you have a quick question, it is best to send an email. If you do not hear back in a timely fashion, please feel free to call. If you have a question that requires further discussion, please call.