EAB 3764: APPLIED BEHAVIOR ANALYSIS (Fall, 2012)
Location of class: Psychology 130

Instructor: Dr. Timothy R. Vollmer, Office 331 Psychology Building
Teaching Assistant: Michele Traub, 349 Psychology Building
Class schedule: MWF 3rd period
Dr. Vollmer’s office hours: M 4th period and M 8th period
Dr. Vollmer’s e-mail address: Vollmera@ufl.edu
Michele Traub’s email address: mtraub@ufl.edu
Michele’s office hours: W (4th period) and Th (2:30-4:30)

- **Overview.** This course is an introduction to applied behavior analysis, which is a field dedicated to the application of behavioral principles and procedures. We will cover basic principles such as reinforcement, punishment, stimulus control, extinction, etc., and we will address how these principles relate to common behavioral procedures. In addition, we will cover particular content areas such as behavioral medicine, behavioral gerontology, drug and alcohol abuse, classroom management, developmental disabilities, applications in business and industry, among others. A behavioral approach to teaching and learning will be used in this course. Specifically, you will be provided with learning objectives, tested and quizzed frequently, you will be provided feedback on your performance, and you will be given opportunities to answer remedial questions in subsequent tests.

- **Unit objectives.** Over the course of the semester you will receive 12 sets of objectives. The objectives should be used as your primary study guide for the tests. They represent what I hope you will learn over the course of the semester. If you consistently learn the objectives, you will do well in this course.

- **Tests.** There will be 12 unit tests. The tests will cover the objectives and some "cumulative" questions (questions covering past material). All tests will be worth 20 points. The tests serve several functions. First, they are designed to break up your studying into smaller, more manageable units. Second, they will serve as a prompt for class discussion when going over the answers. Third, they will prompt you to keep up with scheduled reading. Fourth, you will receive frequent feedback about your performance in the class. Only 10 of the unit tests will count toward your grade; thus, you are allowed to miss a test for any of the following reasons: family emergency, illness, test overload, military responsibility, religious holiday, extracurricular activity, and so on. You do not need to explain to us why you missed because we will only count ten of the grades anyway.

- **Quizzes.** You will be given 12 unannounced quizzes over the reading material on days that have a reading assignment (chapter from the book or supplemental reading). The quizzes will be given at any point during the class period, but usually at the beginning. These quizzes are worth 2 points and you may miss up to two quizzes for illness, religious holiday, etc. (Thus, quizzes are worth a total of 20 points). If you come in late, the quiz will not be repeated and you will need to count that as one of your missed quizzes. We will use the iClicker for these quizzes.
Final Exam Period. During the final exam period, you may makeup one additional exam and one additional quiz rather than drop if you feel you have been disadvantaged in some way by the drop process. This will take place on December 13 in the scheduled final exam period (13C) for this course.

Readings. Reading assignments will come from two sources: Behavior Modification (Miltenberger; Fifth Edition) and from the Journal of Applied Behavior Analysis Website (free downloads). We will discuss the readings specifically in class on days the readings are due.

Folders. We will keep all of your tests and quizzes in a folder, which you can look through before/after class and during office hours. We encourage you to frequently check your folder.

Grading. The tests will be worth 20 points each but only 10 will count. The quizzes are worth 2 points each but only 10 will count. The reasons you may miss tests and quizzes are various, but include things like religious holidays not recognized by the university, personal illness, military responsibility, test overload, family issues, automobile accidents, jury duty, athletic events, student government, etc. You do not even need to explain to us why you may have missed a test/quiz or taken a test/quiz and scored poorly; I will automatically drop it and I will assume you missed the test for a valid reason. I realize that not everyone can be up to par every week of the semester, and schedule conflicts abound. However, because you may drop two missed or poor test and two missed or poor quizzes, do not ask to retake or reschedule tests or quizzes at any times other than the scheduled makeup. There are a total of 220 points. The grades are based on points, not percentages (thus, do not “round up”):

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<tr>
<th>Final grade</th>
<th>Minimum score required</th>
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<tr>
<td>A</td>
<td>204.5</td>
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<td>A-</td>
<td>198</td>
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<td>B-</td>
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<td>D-</td>
<td>132</td>
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<td>E</td>
<td>Anything below 132</td>
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Contesting a grade. If you object to the way any test or quiz item has been graded or scored, you must write out your objection and send it either via e-mail or give it to
us in class. We will not get into verbal debates about specific grading issues, but we would be happy to consider changing a grade if the objection is stated clearly in writing and is supported. We do make grading errors, and sometimes we say things that do not correspond with the position of one of the authors. You may very well have a good argument, but we have found it is best to present the argument in writing.

Course Schedule

August 22:  Introduction to the course. Review syllabus.

August 24: Historical Overview
Reading Assignments: (a) Miltenberger (Chapter 1); (b) Baer, Wolf, & Risley (1968, JABA)

August 27:  Career Paths in Behavior Analysis
Reading Assignments: Behavior Analysis Certification Board website.

August 29:  Graduate programs and Behavior Analysis

August 31:  Test 1

September 3:  No class (Labor Day)

September 5:  Observing behavior
Reading Assignments: Miltenberger (Chapter 2)

September 7:  Inter-observer agreement

September 10:  Graphing
Reading Assignments: Miltenberger (Chapter 3)

September 12:  Experimental Design

September 14:  Test 2

September 17:  Classical (respondent) Conditioning
Reading Assignment: Miltenberger (Chapter 8)

September 19:  Reinforcement
Reading Assignments: Miltenberger (Chapter 4)

September 21:  Test 3

September 24:  Extinction
Reading assignments: (a) Miltenberger (Chapter 5 and Chapter 14), (b) France & Hudson (1990, JABA)

September 26: Punishment 1
Reading assignments: (a) Miltenberger (Chapter 6 and 17); (b) Donaldson & Vollmer (2011, JABA page 693 –not the other Donaldson article).

September 28: Test 4
October 1: Punishment 2
Reading assignments: (a) Miltenberger (Chapter 18); (b) Linscheid et al. (1990, JABA)

October 3: Discrimination and Generalization
Reading assignments: Miltenberger (Chapter 7 and Chapter 19)

October 5: Test 4

October 8: Shaping and chaining
Reading assignments: Miltenberger (Chapter 9 and Chapter 11)

October 10: Prompting methods
Reading assignments: Miltenberger (Chapter 10)

October 12: Test 5

October 15: Functional Analysis
Reading assignments: Miltenberger (Chapter 13)

October 17: Functional Analysis 2

October 19: Test 6

October 22: Differential Reinforcement
Reading assignments: (a) Miltenberger (Chapter 15); (b) Vollmer, Roane, Ringdahl, & Marcus (1999, JABA)

October 24: Differential Reinforcement and matching theory

October 26: Test 7

October 29: Behavioral self-management
Reading assignments: (a) Miltenberger (Chapter 20)

October 31: Behavioral contracts
Reading assignments: (a) Miltenberger (Chapter 22)
November 2: Test 8

November 5: The token economy
Reading assignments: (a) Miltenberger (Chapter 21), (b) Phillips et al (1971, JABA)

November 7: Modeling and imitation
Reading assignments: (a) Garlington & Dericco (1977, JABA)

November 9: No class, homecoming

November 12: No class, veteran’s day

November 14: Behavioral analysis of Substance Abuse

November 16: Test 9

November 19: Behavior Analysis in sports
Reading assignment: McKenzie & Rushall (1974, JABA)

November 26: Behavioral medicine
Reading assignment: Iwata & Becksfort (1981, JABA)

November 28: Behavioral Gerontology

November 30: Test 10

December 1: Semester review. Required attendance for exam planning.

December 3: Semester review.

December 5: Test 11 and 12

December 13: Final Exam