

Spring 2026 Syllabus for EAB 3764: Applied Behavior Analysis

Instructor: Dr. Faris R. Kronfli

Section Number: 5998

Class Meeting Time and Location: Tuesdays, 11:45-1:40 PM; Thursdays, 12:50-1:40 PM; Turlington 2319

Office Location and Office Hours: Psychology Building, Room 311N, Thursdays, 9:00-10:00 AM

Office Phone: (352)-273-2177

Email: Kronfli.faris@ufl.edu

Graduate TA: TBD

Undergrad TA: Hannah Hackney

- Email: hannahhackney@ufl.edu

Social and Behavioral Sciences General Education Subject Area Objectives

Social and behavioral science courses provide instruction in the history, key themes, principles, terminology, and underlying theory or methodologies used in the social and behavioral sciences. Students will learn to identify, describe and explain social institutions, structures or processes. These courses emphasize the effective application of accepted problem-solving techniques. Students will apply formal and informal qualitative or quantitative analysis to examine the processes and means by which individuals make personal and group decisions, as well as the evaluation of opinions, outcomes or human behavior. Students are expected to assess and analyze ethical perspectives in individual and societal decisions.

Overview

This is an introductory course in applied behavior analysis (ABA). Topics to be covered include a) basic principles of learning, b) ABA research methods and techniques, and c) applications of ABA across a wide range of populations, settings, and behaviors.

Course Goals

1. To introduce key domains in behavior analysis, emphasizing their relevance and applications.
2. To foster a thorough grasp of behavior analytic concepts and their applications.
3. To teach you the application of behavior analysis to socially important behaviors.

Course Objectives

Upon completion of this course, you will be able to:

- Think critically about the causes of human behavior using specific tools of scientific thinking.
- Understand how a natural science of behavior can help us understand behavior.
- Apply this knowledge in every possible way to your own and other's behavior and experience and solve socially important problems.

Required Material

Author: Miltenberger, Raymond G.

Title: Behavior Modification: Principles and Procedures (7th edition)
ISBN: 978-0-357-79637-5

Additional readings will be posted via Canvas.

Assignments

Quizzes

10 points each x 12 = 120 points

- There will be weekly quizzes given in class every Tuesday. Quizzes can will be taken via Canvas, so please bring a computer to class. If you do not have a computer, you will be able to take the quiz on paper.
- The lowest quiz grade will be dropped.

Miscellaneous Assignments

10 points each x 12 = 120 points

- There will be various independent or group assignments throughout the semester. These will be explained and completed in class.
- The lowest assignment grade will be dropped.

SONA Research Participation

15 points

- See below for details.

Total of 255 points

Grade	Percent Range	Point Range
A	94% – 100%	240 – 255
A-	90% – 93.9%	230 – 239
B+	87% – 89.9%	222 – 229
B	83% – 86.9%	212 – 221
B-	80% – 82.9%	204 – 211
C+	77% – 79.9%	196 – 203
C	73% – 76.9%	186 – 195
C-	70% – 72.9%	179 – 185
D+	67% – 69.9%	171 – 178
D	63% – 66.9%	161 – 170
D-	60% – 62.9%	153 – 160
E (Fail)	< 59.9%	Below 153

Note: There is no rounding. A minimum grade of C is required for general education credit.

Grading Points

Please see UF's grades and grading policies page for more information:
<https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>.

UF Policies

This course complies with all UF academic policies. For information on those policies and for resources for students, please see [this link](#).

Tentative Schedule

Dates	Readings	Topics	Assignments/Quizzes
Jan 13 & 15	Syllabus, Chapter 1, & Baer et al. (1968)	Intro to Behavior Modification & 7 Dimensions of ABA	Identify which dimensions are present/missing
Jan 20 & 22	Chapter 2	Observing & Recording Behavior	Operational definitions and data collection/Quiz 1
Jan 27 & 29	Chapter 3	Graphing & Measuring Change	Quiz 2
Feb 3 & 5	Chapters 4 & 5	Reinforcement; Extinction	Positive/negative reinforcement examples/Quiz 3
Feb 10 & 12	Chapters 6, 7, & 19	Punishment; Stimulus Control; Promoting Generalization	Quiz 4
Feb 17 & 19	Chapter 8	Respondent Conditioning	Identify respondent conditioning in the media/Quiz 5
Feb 24 & 26	Chapters 9 & 11	Shaping; Chaining	Quiz 6
Mar 3 & 5	Chapters 10 & 12	Prompting & Transfer of Stimulus Control; BST	Quiz 7
Mar 10 & 12	Chapter 13 & Iwata et al. (1982/1994)	Functional Assessments	Quiz 8
Mar 17 & 19	Spring Break	Spring Break	N/A
Mar 24 & 26	Chapter 16	Antecedent Interventions	Quiz 9
Mar 31 & Apr 2	Chapter 14 & Iwata et al. (1994)	Applying Extinction	Misapplication analysis/Quiz 10
Apr 7 & 9	Chapters 15, Vollmer et al. (2020), & Reed & Kaplan (2011)	Differential Reinforcement & Matching Law	Classify examples/Quiz 11

Dates	Readings	Topics	Assignments/Quizzes
Apr 14 & 16	Chapters 17 & 18	Using Punishment: Time-Out/Response Cost; Positive Punishment Procedures & Ethics	Quiz 12
Apr 21	Chapter 22, Joslyn et al. (2020), & Joslyn & Kronfli (2021)	Token Economy; Group Contingencies	Quiz 13

PSYCHOLOGY RESEARCH EXPERIENCE

There is a Psychology Department requirement that all students enrolled in 2000- and 3000-level courses participate in a research experience. This experience can consist of participating in real psychology studies, or an alternative assignment (e.g., reading reports of empirical studies in scholarly journals). The deadlines for this requirement are below.

Completion of this requirement affects your course grade based on the amount of research credits you earn. As a student in this course, you must complete one of the two options listed below. Do NOT wait until the last minute to complete this requirement. The longer you wait the harder it will be to get all the credits need!

OVERVIEW OF OPTIONS

Option 1: Participate in Research Experiments

- Taking part in the Department of Psychology Participant Pool allows students to directly experience ongoing psychological research. For this option, **you will complete 15 credits (7.5 hours)** of participation in psychological research studies.
- When you complete the research experience, you will receive 15 points that are added into your final grade. If you do NOT complete the full number of credits by the deadline, you will receive points at a rate of 1 point per credit completed.
- You must be at least 18 years old to complete Option 1. If you are not 18 years old, you must complete Option 2. Students who will turn 18 during the semester may choose to complete Option 1 after their birthday but are strongly encouraged to complete Option 2 to ensure they complete the research requirement.

Option 2: Critical Analysis Papers

- Participating in research is a valuable component of understanding the science of psychology. However, students who prefer not to participate in research or do not meet the requirements for selecting Option 1 can select Option 2 as an alternative.
- For this option, you must read 3 scientific research articles from the approved list of articles provided to you by your professor. You must submit 1 critical analysis paper per scientific article (3 papers total).

Spring 2026 DEADLINES

TBD

DETAILED INSTRUCTIONS FOR OPTION 1 (RESEARCH PARTICIPATION)

Research is a fundamental component of psychological science. Learning about psychology involves learning about the research process, and research participation provides a hands-on opportunity to become familiar with how research is conducted. This option gives you experience as a participant in actual psychology experiments. You will also have the opportunity to learn more about yourself and your behavior in these studies.

There are many different kinds of studies conducted in our department. For example, you might be asked to complete questionnaires, to view videos, to listen to music or conversations, to interact with others in a group, or to make judgments on a computer. All studies are reviewed and approved in advance by the University of Florida Institutional Review Board. When you arrive at each study, the investigator will explain that particular study to you and you will have a chance to ask any questions you may have about participation. If you do not wish to participate, you will receive 1 credit for the time required to get to the location of the experiment and be allowed to leave. If you decide to participate in the study, you will be given a written explanation of the study and asked to give your consent to participate. Even after you have consented and have started to participate, it is always up to you to decide whether to continue—you can discontinue your participation at any time.

The research sign-up procedure uses a web-based system called SONA Systems, which means you will sign up for studies on-line. The procedure for signing up for experiments is detailed below and there are further instructions on the SONA site.

Set up an Account and Password

1. **Go to <http://ufl.sona-systems.com>.** Log in using your GatorLink ID. If you don't have an account already please click
 - "Request Account" to set up your **participant** account.
 - Select your course: Select your course or courses
2. **You will use your regular GatorLink username and password to log into SONA.**
 - Any problems with your Gatorlink email should be directed to the UF computing help desk at (352) 392-HELP (4357).
 - If you continue to have problems with the SONA Systems webpage, contact the Participant Pool Committee (PPC) at psy-2012@clas.ufl.edu.
 - To login, navigate to: <http://ufl.sona-systems.com> and log-in with your GatorLink ID.

Signing up for experiments

1. **The pool will open after add/drop ends.** The specific date will be announced by your

instructor. Although you can create an account before this time, you will not be able to sign up for studies or complete the prescreen until the pool is officially open.

2. **Once the pool is open, use an internet browser navigate to <http://ufl.sona-systems.com> and login with your username and password. To view available studies, click on the study sign-up icon.** This will bring up a list of studies. You may view the schedule of available times by clicking on the specific study in which you are interested. You can then view the number of credits the study awards and amount of time required to complete the study. To view available time slots, click on the link provided, and you will see additional information including the location of the study.
3. **If you are enrolled in spring or fall semesters, the first study available to you is the online prescreening survey. [This option is not available for summer courses].** You will receive 2 credits for this survey, and it will appear on the screen after you login. This survey is optional but strongly encouraged; many students find it an easy way to get their first credits. **Taking the prescreen will also make you eligible to participate in more studies**, which gives you more options for completing your target credits. You are free to decline to take the prescreening survey; however, declining to complete it may limit the number of studies available for you to take. **You can only take the prescreening survey at the very beginning of the semester**; if you wait, you will not be able to take it later.
4. **When you find a study that fits your schedule, simply click the “Sign Ups” button.** Once you have clicked the button, you will be signed up for the study you selected. It is very important that you write down the day, date, time, and location of the experiment in your calendar.
 - Note: Studies will be posted continuously during the semester! If you don't see a study that works for you, check back later. Taking the prescreen is one way to expand the number of available options. Check regularly to see what studies are available, and don't wait until the end of the semester - studies close once they've reached their target sample size for data collection.
5. **You will receive a confirmation/reminder email about 24 hours before the scheduled time of the study.** To receive a reminder, you need to make sure your email address is correct in the online sign-up system. To verify or change your email address, go to <http://ufl.sona-systems.com> and click on the “My Profile” icon at the bottom of the screen and adjust your contact information as needed. If your email address isn't there or is incorrect, you can type another address in the Alternate Email Address box. However, note that if you type in an alternate email address, all emails from the website will be sent to the alternate email address.
6. **On the date and time of the study, go to the location of the study (or open the link, for virtual studies conducted via Zoom or web conferencing).** If you have any questions about the location of the study, please email the person listed as the Researcher under the study description. After arriving at the experiment, you will first be given a description of the experimental procedures and asked to sign a consent form. If you do not wish to participate in the study at this time, tell your experimenter, and you will be given 1 credit for showing up

for the study.

7. **After you have completed the experiment, the researcher will assign you credit via the website.** Please allow researchers 1 week after the study has ended to formally assign you credit on the SONA website. You can keep track of the credits you have earned by going to the website, clicking on “My Schedule/Credits” and logging in. The experiments in which you have participated and the number of credits you have earned, as well as any outstanding appointments, will be listed there.

Canceling an appointment

1. **If you must cancel your appointment,** be sure to remove your name from the web sign-up page under “My Schedule/Credits” as soon as possible, so that another student may take your spot in the study.
2. **If you cancel more than 24 hours before the session is to begin,** go to the SONA Systems website and find your initials next to the date and time you signed-up. Click the "Cancel" button to the right of your initials.
3. **If you cancel less than 24 hours before the session begins,** please email the researcher who is in charge of the study. Please do not call or email the Department of Psychology office, your instructor, or your TA about cancellations.

Other Important Notes

1. **If you forget the date, time, or room number for your session,** go to <http://ufl.sona-systems.com>, log on, and click on “My Schedule/Credits.” Once you log in, you can see a list of any projects for which you are enrolled. You can then verify the date, time, and location, as well as the researcher's contact information.
2. **You will be able to track the credits you have earned for participation** in research studies by viewing the “My Schedule/Credits” page. Check periodically to make sure that your credits have been correctly applied. If you discover a problem, contact the researcher as soon as you can.
3. **If you need to contact the research team,** be sure you’re contacting the right person. For in-person lab or teleconferencing sessions (e.g., Zoom), email the researcher in charge of your specific session time for issues pertaining to scheduling or your attendance (e.g., directions to the lab, software issues). For online studies or for general questions about the study/credit etc, please contact the “Principal Investigator.”
4. In this document you will find information related to the deadline for completing your research experience. **Pay close attention to the deadline as once it has passed, you will no longer be able to earn credits, which will directly affect your grade.**

5. As long as you check SONA regularly and sign up for studies throughout the semester then you WILL be able to earn all of the points you need for every class you have this assignment for. BUT if you procrastinate and wait until the middle or end of the semester to start this then we CANNOT guarantee you will be able to earn all of your points.
6. Remember that for EACH class that requires this assignment you must do either Option 1 (SONA) or Option 2 (article critiques). That is, if you are in multiple classes then they can do Option 1 for one class and option 2 for the other class BUT you cannot "mix-n-match" for a single course.
7. In SONA you need to select each class that they are enrolled in that requires this assignment and you are responsible for assigning credits you earn to the classes you want the points to count for.
8. While there are some studies that have exclusion/restriction criteria that will prevent students from participating in them all participants will be able to earn all of their credits even if they do not participate in these studies. That is, when we calculate how many credits students need to earn we do so without taking studies that have any kind of restriction (e.g., can't wear prescription glasses) into account and thus all students will be able to complete their credits without ever participating in any of the studies with restrictions as long as they do not wait until the end of the semester to complete this assignment.
9. Being a Research Assistant in lab DOES NOT count for this assignment.
10. You will NOT be allowed to "double-dip" your points or article critiques across classes that require this assignment. That is, for each class that requires this assignment you MUST earn points or complete article critiques separately for each class. Please know that this is NOT an instructor policy but rather a departmental policy.
 - a. The Department of Psychology adheres to the University of Florida student honor code and expects all students enrolled in classes in Psychology to be familiar with and adherent to the student honor code. As per the honor code, Plagiarism constitutes a violation of the honor code. *"e. Plagiarism...Plagiarism includes but is not limited to: #2. Self-plagiarism, which is the reuse of the Student's own submitted work, or the simultaneous submission of the Student's own work, without the full and clear acknowledgment and permission of the Faculty to whom it is submitted."*
 - b. The inclusion of a research assignment in core courses in Psychology was agreed upon by vote of the faculty in Psychology. As this was adopted by the department faculty as a core experience central to the educational mission of the department, individual instructors are **not allowed** to grant permission for re-use of work that is part of the research assignment. The weighting of the research assignment in the determination of the final grade in a specific course is determined by the course instructor. Students are expected to complete the requirements for each course they take in the Department of Psychology regardless of assignments in any other course.

DETAILED INSTRUCTIONS FOR OPTION 2: CRITICAL ANALYSIS PAPERS

This option is designed to give you exposure to the research that psychologists conduct by reading and reporting on completed experiments that have been published in peer-reviewed, professional psychology journals. Your instructor will provide you with a list of approved articles. You **MUST** do the articles critiques on the articles that your professor has provided to you.

Students who decide on Option 2 must declare their intentions via email to their section instructor **by TBD** at 11:59pm (please do not email the Participant Pool Coordinators if you choose Option 2). After the specified time, the paper option cannot be selected.

Format of the critical analysis

1. Include the title of the article at the top of the first page of your critiques.
2. The written report of each article must be typed, at least 3 pages in length, double-spaced, with 1-inch margins on all sides. You must use 12-point Times New Roman font.
3. Use headings within your paper to organize your critical analysis.

What to include in the critical analysis

You should include information that corresponds to the following questions:

1. What was this article about (i.e., briefly summarize the purpose, methods, results, and conclusions)? This part should be 1-1½ pages in length.
2. How understandable or usable was the article to you? This part should be around ½ page in length.
3. What did you learn as a result of your reading and how did this article relate (if at all) to class material? This part should be ½ page-1 page in length.

Turning in Your Critical Analysis

1. The typed papers and complete articles should be turned in via Canvas. Papers must be submitted **by TBD** at 11.59pm.
2. Papers will be graded on a pass-fail basis. Each paper is worth 5 points (15 points total).