Spring Syllabus for EAB 3002: Principles of Behavior Analysis

Instructor: Dr. Faris R. Kronfli
Section Number: 032A/174E
Class Meeting Time and Place: Online Asynchronous
Office Location and Office Hours: Thursdays. 10:00-11:00 AM via Zoom (Link Here)
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Graduate TAs: TBD

Overview
Why do you do what you do? Why do you feel, think, and imagine? Why do you procrastinate? Why is Xavier so passive-aggressive? Why won't that anxiety just go away? Understanding the causes of behavior is one central aim of this course, and we'll approach this endeavor from a natural science perspective. Another aim of the course is to actually apply this understanding to solve real-world behavior problems. Indeed, most of the problems we face in contemporary culture are behavioral in nature. Consider phobias, depression, drug addiction, crime, prejudice, eating disorders, and the list can go on and on. What's exciting is that the principles we will cover can solve these problems; we have the data.

Course Goals
1. To teach you the foundation of behavior analysis.
2. To introduce key domains in behavior analysis, emphasizing their relevance and applications.
3. To foster a thorough grasp of behavior analytic concepts.

Course Objectives
Upon completion of this course, you will be able to:
- Think critically about the causes of behavior, human and non-human, using specific tools of scientific thinking.
- Understand how a natural science of behavior, especially respondent conditioning and operant learning, can help us understand behavior.

Required Material
- Reliable access to UF's Canvas Computer System.
  - If you're not familiar with the Canvas environment, check out this tutorial: "Navigating UF's e-Learning Environment" [3:42].
  - It's a good idea to complete assignments well before the deadline. Extensions will not be given for student-based technical difficulties. If UF Canvas experiences technical difficulties (and we know when this happens), deadlines will be adjusted.
- This Textbook:
  - Madden, G. J., Reed, D. D., & Digennaro Reed, F. D. (2021). *An Introduction to Behavior Analysis.* Wiley.

Attendance

There is no attendance given the asynchronous structure of this class.

Grading Policies

Reading Guides

10 points each x 7 = 70 points
- 7 Reading Guides, 10 points each.

Group Projects

10 points each x 7 = 70 points
- There will be 7 group projects, one for each module.
- You will be randomly assigned to a group of five students. You can find your group by going to the People tab followed by Group in Canvas.
- Each group must submit one recording per module that documents the collaborative work session. Recordings must be under 1 hour. There is no minimum time requirement. The purpose of the recording is to ensure that discussions are accurate and that the material is being learned and applied correctly.
- Each group will also submit a Word document containing the completed work for that module.
- Do NOT complete the project independently and combine work afterward. Create and fill out the group's Word document during the meeting.

Category	Points	Description
Collaboration	___ / 3	Group works together during the recorded session; everyone participates and contributes.
Accuracy and Connection of Course Material	___ / 3	Examples and explanations correctly use concepts from lecture and textbook (e.g., observable behavior, antecedents, consequences, rejecting mentalistic language). Work clearly shows understanding of behavior-analytic principles covered that week.
Document Completion	___ / 2	Required document is complete, clear, and includes all parts (e.g., examples, table, reflection).
Recording	___ / 2	Recording is under 1 hour and shows the group completing the work collaboratively.

Discussions

10 points each x 7 = 70 points
- 7 Discussion forums, 10 points per forum.
- Posts will only count if they were posted before the deadline.
- I encourage you to view others' posts; get exposed to other perspectives. There is no requirement to reply to others' posts, but I encourage you to do so.

Criteria	Ratings

Prompt Response Did the student fully answer the question and include any required references or citations?	5 to >4.0 pts Full Marks - Fully answers all parts of the prompt and includes references if needed. 4 to >1.0 pts Partial Points - Answers most of the prompt; may miss part of the question or lack citation. 1 to >0 pts No Marks - Off-topic, incomplete, or no citation when clearly needed.
Use of Course Content Did the student refer to the reading or lecture?	3 to >2.0 pts Full Marks - Clearly uses and connects course material. 2 to >1.0 pts Partial Points - Mentions material but not clearly connected. 1 to >0 pts No Marks -No use of course content.
Writing Quality Is it clear and well-written?	2 to >1.0 pts Full Marks - Clear, organized, and mostly error-free. 1 to >0.0 pts Partial Points - Understandable but has some issues. 0 pts No Marks - Hard to read or full of errors.

Quizzes
20 points each x 7 = 140 points
- There will be 7 Module Quizzes during the semester. Content will be drawn from the book and lecture.
- Quizzes are timed. The questions are answerable in the time allotted if you have taken measures to prepare yourself (much like you would for an in-person course). However, if you try to look up the answers to each question and watch videos you will (very) likely run out of time.

SONA Research Participation
- 15 points.

Total of 365 points

Grade	Points Range	Percent
A	343.1 – 365	94% – 100%
A-	328.5 – 343.0	90% – 93.9%
B+	317.6 – 328.4	87% – 89.9%
B	303.0 – 317.5	83% – 86.9%

Grade	Points Range	Percent
B-	292.0 – 302.9	80% – 82.9%
C+	281.1 – 291.9	77% – 79.9%
C	266.5 – 281.0	73% – 76.9%
C-	255.5 – 266.4	70% – 72.9%
D+	244.6 – 255.4	67% – 69.9%
D	230.0 – 244.5	63% – 66.9%
D-	219.0 – 229.9	60% – 62.9%
E (Fail)	0 – 218.9	< 59.9%

Grades will be released on an ongoing basis in Canvas as soon as they are graded. You will have two weeks to complete each module. They will become available at 12:00 AM on Mondays and close after two weeks at 11:59 PM on Sundays. For example, Module 1 becomes available on 1/12/26 at 12:00 AM and will close on 1/25/26 at 11:59 PM.

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

Module Schedule

Module Number	Date Opens	Date Closes
1	1/12/26	1/25/26
2	1/26/26	2/8/26
3	2/9/26	2/22/26
4	2/23/26	3/8/26
5	3/9/26	3/29/26
6	3/30/26	4/12/26
7	4/13/26	4/26/26

Course Policies and Guidelines
Communication
- If you have a general question about the course, post it on the General Discussion board. If it is something you would raise your hand to ask in class, it belongs on this board. Feel free to use this board to communicate with each other, set up study groups, say hi, whatever.
- If you have a question about your quiz grade, **message Dr. Kronfli**. If you have a question about your discussion post, message your TA **(but cc Dr. Kronfli)**. Don't post information about your grade on the General Discussion board.

- You will be assigned a TA. This will be the person (or myself) who you get in touch with if you have any personal issues or questions (anything that's not appropriate to post on the General Discussion Thread).
- All interactions with instructors and among class members are expected to be professional and appropriate.

Extensions

Extension of deadlines may be requested for assignments. Any requests for an extension must be based on University approved reasons and must include proper documentation as per University guidelines. Requests for extensions must be made before the assignment deadline, if possible, or within 24 hours of the deadline for unexpected emergencies. Late assignments without approved extensions will not be accepted.

Announcements

Announcements will be made periodically about class issues (such as reminders about upcoming assignments, or when assignments are returned). These will be visible on our course's home page. Students are responsible for all announcements made there.

UF Policies

This course complies with all UF academic policies. For information on those polices and for resources for students, please see this link.

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 <u>1 week after the study has ended</u> 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).