

# Course Syllabus

## EAB3002: Principles of Behavior Analysis

|  | <b>Office Hours</b>  | <b>Zoom Address</b>   |
|--|--|---|
| <b>Instructor:</b> Faris Kronfli,<br>Ph.D  | Mondays, 1:00 to 2:00 PM;<br>Psychology Building Room 311N | <a href="https://ufl.zoom.us/j/94125679896?pwd=WFFzV1RHeGlVRFBMZ3pPMmhVSjc2dz09&amp;from=addon">https://ufl.zoom.us/j/94125679896?pwd=WFFzV1RHeGlVRFBMZ3pPMmhVSjc2dz09&amp;from=addon</a> |
| <b>Graduate TAs:</b><br><br>Kai Williams<br><br>Kelcie McCafferty  |  |   |
| <b>Undergraduate TAs:</b><br><br>Saad Ali<br><br>Amy Diaz Martinez<br><br>Lauren Lightner<br><br>Kate Lynne Pudpud<br><br>Ann Quintero-Giegeling | N/A  | N/A   |

## Welcome & 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 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 and experience.
- Apply this knowledge in every possible way to your own and other's behavior and experience, and solve socially important problems.

More ambitiously: I hope this course changes your life.

## Course Description

This course is a fully online course with no specified meeting times.

## What You'll Need

- 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.

## Course Communications

Please use Canvas to message me AND your TA. Expect us to respond within 24 hrs during the week and 48 hrs during the weekend. You can also message us to set up a real-life meeting. We exist. Communication is important in this class, especially because it is online. You should check Canvas and your email for any updates on a daily basis during the week. This is important.

TAs will be randomly assigned to you. However, feel free to email any TA and/or join their office hours if you have general questions about course content (i.e., not about grading).

## How You'll Be Graded

### Quizzes

20 pts each x 7 = 140 pts

- 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.

### Discussions

10 pts 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.

## Reading Guides

10 pts each x 7 = 70 points

- 7 Reading Guides, 10 points each.

## SONA Research Participation

- 10 points.

**Total of 290 points.**

# Grading

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## Grading Scale

|           |             |
|-----------|-------------|
| <b>A</b>  | 94% – 100%  |
| <b>A-</b> | 90% – 93.9% |
| <b>B+</b> | 87% – 89.9% |
| <b>B</b>  | 83% – 86.9% |
| <b>B-</b> | 80% – 82.9% |
| <b>C+</b> | 77% – 79.9% |
| <b>C</b>  | 73% – 76.9% |
| <b>C-</b> | 70% – 72.9% |
| <b>D+</b> | 67% – 69.9% |
| <b>D</b>  | 63% – 66.9% |
| <b>D-</b> | 60% – 62.9% |

E (Fail) < 59.9%

Note: There is no rounding

## Certification as a Board Certified Associate Behavior Analyst (BCaBA) and Specialization Track in Behavior Analysis

- The Department of Psychology at the University of Florida has a Behavior Analysis Certification Board® (BACB)-verified course sequence that prepares students to sit for the BCaBA exam after graduation with a bachelor's degree. EAB 3002 is one course in this sequence, click [here](#) to see the full sequence. Students who successfully complete this sequence will automatically meet the coursework requirement to qualify for the exam. In addition to this coursework, the student will have to complete a minimum of 1000 hours of supervised practical experience in behavior analysis.
- Full-time UF students are eligible to complete the sequence, regardless of major (i.e., non-psychology majors can complete the requirements and site for the BCaBA exam). At this time only residential UF students are eligible, UFO students are not eligible.
- The Department of Psychology also offers a [specialization](#) track in Behavior Analysis. The curriculum includes coursework in behavior analysis, psychology, statistics, mathematics, and biology. The specialization also allows the option to conduct a senior honors thesis. The behavior analysis coursework includes a very similar Behavior Analysis Certification Board (BACB)-verified course sequence, as described above, that prepares students to sit for the BCaBA exam after graduation.
- Check out this [website](#) for descriptions of careers in behavior analysis.

## Grading Policies

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 Wednesdays and close after two weeks at 11:59 PM on Tuesday. For example, Module 1 becomes available on 8/23 at 12:00 AM, it will close on 9/5 at 11:59 PM.

# Course Policies & Guidelines

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## 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 board).
- 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.

## Religious Observances

Please check your calendars against the course syllabus. If you have a conflict due to religious observance you should contact me as soon as possible so that we can make any necessary arrangements.

# UF Policies

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## University Policy on Accommodating Students with Disabilities

Students with disabilities requesting accommodations should first register with the [Disability Resource Center](#) (352-392-8565) by providing appropriate documentation. Once registered, students will receive an accommodation letter to be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

The instructor should be notified of any special accommodations required by the student when they begin their course.

## UF Counseling Services

Resources are available on campus for students having personal problems or lacking a clear career and academic goals which interfere with their academic performance. These resources include:

- [UF Counseling & Wellness Center](#), 301 Peabody Hall, 352-392-1575, personal and career counseling
- [UF Student Health Care Center](#)
  - Student Mental Health, 352-392-1171, personal counseling
  - Sexual Assault Recovery Services (SARS), 352-392-1161, sexual counseling
- [U Matter We Care](#)
- [UF Career Resource Center](#), Reitz Union, 352-392-1601, career development assistance and counseling

## University Policy on Academic Misconduct

UF students are bound by [The Honor Pledge](#) which states:

"We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

The [Honor Code](#) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

From [Regulations of the University of Florida, 4.041 Student Honor Code and Student Conduct Code: Scope and Violations](#):

**Plagiarism.** A student shall not represent as the student's own work all or any portion of the work of another. Plagiarism includes but is not limited to:

1. Quoting oral or written materials including but not limited to those found on the internet, whether published or unpublished, without proper attribution.
2. Submitting a document or assignment which in whole or in part is identical or substantially identical to a document or assignment not authored by the student."

From [Regulations of the University of Florida, 6C1-4.047 Student Honor Code and Student Conduct Code: Sanctions](#):

For a violation or violations of the Honor Code, a student may receive any of the sanctions that can be imposed for Student Conduct Code violations, including but not limited to conduct probation, suspension and expulsion as well as any educational sanctions. In addition, students may receive the following:

1. Assignment grade penalty. The student is assigned a grade penalty on an assignment including but not limited to a zero.
2. Course grade penalty. The student is assigned a grade penalty in the entire course including but not limited to an 'E.'

## Netiquette

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions, and chats. Please read the [Netiquette Guide for Online Courses](#).

## Security

Remember that your password is the only thing protecting you from pranks or more serious harm.

- Don't share your password with anyone
- Change your password if you think someone else might know it
- Always logout when you are finished using the system



# COVID-19

In response to COVID-19, the following recommendations are in place to maintain your learning environment, to enhance the safety of our in-classroom interactions, and to further the health and safety of ourselves, our neighbors, and our loved ones.

- If you are not vaccinated, get vaccinated. Vaccines are readily available and have been demonstrated to be safe and effective against the COVID-19 virus. Visit [one.ufl.edu](https://one.ufl.edu) for screening/testing and vaccination opportunities.
- If you are sick, stay home. Please call your primary care provider if you are ill and need immediate care or the UF Student Health Care Center at 352-392-1161 to be evaluated.
- Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work.

## Getting Help

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### Technical Help

Please contact the UF Computing Help Desk:

- Location: HUB 132
- Email: [helpdesk@ufl.edu](mailto:helpdesk@ufl.edu)
- Phone: (352) 392-HELP - select option 2
- Website: <https://lss.at.ufl.edu/help.shtml> [Links to an external site.](#)

Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from LSS when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request a make-up.

# Disclaimer

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Except for changes that substantially affect the implementation of the evaluation (grading) statement, this syllabus is a guide for the course and is subject to change.

## PSYCHOLOGY RESEARCH EXPERIENCE

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One of the goals of this course is to familiarize you with the research process in psychology. To meet this goal, we have designed two options. As a student in this course, you must complete one of the two options listed below.

### 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 X credits (X hours)** of participation in psychological research studies.
- When you complete the research experience, you will receive 10 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 X points 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 X 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 (X papers total).

## **Fall 2023 DEADLINES**

- The participant pool will open on September 4<sup>th</sup>, at 9am.
- Last Day to Earn Credits on SONA: December 2<sup>nd</sup> at 11:59pm
- Researchers Must Grant All Credits by: December 4<sup>th</sup> at 11:59pm
- Option 1 Due: Participants must assign all credits by: December 6<sup>th</sup> at 11:59pm
- Option 2 must be declared before: November 6<sup>th</sup> at 11:59pm
- Option 2 Due: Participants must submit Article Critiques to Instructors by: December 6<sup>th</sup> at 11:59pm

## **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**
    - 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](mailto: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.
  1. 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.*”
  2. 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 November 6<sup>th</sup>** 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 December 6th** at 11.59pm.
2. Papers will be graded on a pass-fail basis. Each paper is worth 5 points (20 points total).