



behavior analysis online

BEHV 5910: ABA Review and Evaluation

Fall 2017 Course Syllabus

Course Description

The goal of this course is to two-fold, to function as a capstone for your BCBA course sequence and to prepare you to sit for the BACB certification exam. The course uses a digital, online training program developed by Behavior Development Solutions (BDS). The BDS modules cover each part of the BACB 4th edition task list. For each task item, there are practice acquisition and fluency questions with feedback. For each task section, there are pre and post tests.

We chose this training program because they have a record of success in helping students pass the exam.

Course Prerequisites

Student should have completed all courses in the approved course BCBA sequence.

[BEHV 5130 Basic Behavioral Principles](#)

[BEHV 5150 Techniques](#)

[BEVH 5170 Research Applications](#)

[BEVH 5250 Ethical Issues in the Science and Practice of Behavior Analysis](#)

[BEVH 5250 Staff Performance OR Issues in the Behavioral Treatment of Autism](#)

Instructor Information

[Brook Wheatley, BCBA](#), is the course moderator. For more information about your course moderator, please visit our [BAO Welcome Page](#). However, students may generally contact BDS for assistance. If this does not work, Brook will answer questions about course content and technology, and provide requested tutoring. All correspondence should be sent to behv5910R@unt.edu. ***Include your EUID and the activity number in the subject field of your email when you are asking about a specific activity.*** Students can expect a response within 24 hours during business days. We have on-call course administrators for technical emergencies (e.g., outages) on weekends and holidays.

BACB Course Hours

Content is based on the 4th edition BACB Task. This course specifically covers the following academic requirements for the **BCBA** certification exam: 5 hours of assessment, 5 hours of behavior change systems, and 5 hours of implementation, management and supervision. It also contains 30 discretionary hours distributed across ethics, concepts, measurement, fundamentals, and intervention considerations. For more information on the Approved Course Sequences distribution, consult the [BAO ACS grid](#).

ABA Review and Evaluation Course Objectives and Learning Competencies

Course Module Objectives	Learning Outcomes <i>Students will identify, discuss, and describe:</i>	Component Assessments <i>Students will complete:</i>	Integration Assessments <i>Students will apply knowledge through:</i>
Module 1. Students will identify key components of foundational knowledge in behavior analysis BACB Task List: <i>FK-1 through 48</i>	Philosophical assumptions Environmental explanations Types of behaviorism Branches of behavior analysis Definitions and key terms Verbal operants Measurement concepts	Accuracy and fluency quiz questions	N/A
Module 2. Students will identify basic issues in the ethical practice of behavior analysis BACB Task List: <i>G-1-8; H-1-5; I-1-7; J-1-15; K1-10</i>	Responsible conduct Responsibility to clients Assessing behavior Behavior change programs Supervision Research Responsibility to the profession, colleagues, and to the BACB	Accuracy and fluency quiz questions	Multiple choice exam (pre-and post)
Module 3. Students will identify basic issues in the measurement of behavior in behavior analysis BACB Task List: <i>A-1-14</i>	Frequency Rate Duration Latency IRT Percent Occurrence Trials to criterion Interobserver agreement Equal interval graphs Cumulative records Continuous/discontinuous measures Selecting choice measures	Accuracy and fluency quiz questions	Multiple choice exam (pre-and post)

ABA Review and Evaluation Course Objectives and Learning Competencies

Continued

Course Module Objectives	Learning Outcomes <i>Students will identify, discuss, and describe:</i>	Module Assessments <i>Students will complete:</i>	Integration Assessments <i>Students will apply knowledge through:</i>
Module 4. Students will identify basic issues about experimental designs BACB Task List: <i>B-1-11</i>	Dimensions of ABA Reviewing and interpreting scientific literature Arranging demonstration of effects Reversal designs Alternating treatment designs Changing criteria designs Multiple baseline designs Multiple probe designs Combining designs Component analyses Parametric analyses	Accuracy and fluency quiz questions	Multiple choice exam (pre-and post)
Module 5. Students will identify basic issues related to behavior change considerations BACB Task List: <i>C-1-3</i>	Unwanted effects of punishment, reinforcement and extinction	Accuracy and fluency quiz questions	Multiple choice exam (pre-and post)
Module 6. Students will identify basic issues related to the fundamentals of behavior change BACB Task List: <i>D-1-21</i>	Positive and negative reinforcement Schedules of reinforcement Prompts Modeling Shaping Chaining Task analysis Discrete and Free operant procedures Verbal operants and assessment Echoic, mand, tact, intraverbal, and listener training Positive and negative punishment Schedules of punishment Extinction Reinforcement with punishment and extinction Response independent reinforcement Differential reinforcement	Accuracy and fluency quiz questions	Multiple choice exam (pre-and post)

ABA Review and Evaluation Course Objectives and Learning Competencies

Continued

Course Module Objectives	Learning Outcomes <i>Students will identify, discuss, and describe:</i>	Module Assessments <i>Students will complete:</i>	Integration Assessments <i>Students will apply knowledge through:</i>
Module 7. Students will identify basic issues related to behavior change procedures BACB Task List: <i>E-1-13</i>	Manipulation of antecedents Discrimination training Instructions and rules Contingency contracting Stimulus equivalence Behavioral contrast Matching law High probability request sequences Premack principle Establishing conditioned reinforcers and punishers Errorless learning Matching to sample	Accuracy and fluency quiz questions	Multiple choice exam (pre-and post)
Module 8. Students will identify basic issues related to behavior change systems BACB Task List: <i>F-1-7</i>	Self management Token economies Direct instruction Precision teaching Personalized system of instruction Incidental teaching Functional communication training	Accuracy and fluency quiz questions	Multiple choice exam (pre-and post)
Module 9. Students will identify basic issues related to identification of the problem BACB Task List: <i>G-1-7</i>	Review records at outset Consider biological and medical variables Conduct preliminary assessment Explain behavioral concepts in lay terms Describe and explain behavior in lay terms Provide services in collaboration Practice with competence	Accuracy and fluency quiz questions	Multiple choice exam (pre-and post)
Module 10. Students will identify basic issues related to measurement BACB Task List: <i>H-1-5</i>	Measurement systems Data display Evaluate changes in level trend and variability Evaluate temporal relations	Accuracy and fluency quiz questions	Multiple choice exam (pre-and post)
Module 11. Students will identify basic issues related to assessment BACB Task List: <i>I-1-7</i>	Defining behavior in measureable terms Defining measureable environmental events Functional assessment Organizing analyzing and interpreting data Making recommendations based on data Conducting preference assessments	Accuracy and fluency quiz questions	Multiple choice exam (pre-and post)

ABA Review and Evaluation Course Objectives and Learning Competencies

Continued

Course Module Objectives	Learning Outcomes <i>Students will identify, discuss, and describe:</i>	Module Assessments <i>Students will complete:</i>	Integration Assessments <i>Students will apply knowledge through:</i>
Module 12. Students will identify basic issues related to intervention BACB Task List: <i>J-1-7</i>	Stating measurable goals Identifying based on data, scientific evidence and task analysis Selecting based on client preference, repertoires, supports and constraints Selecting based on social validity Addressing practical and ethical variables Acceptable alternative behavior Programming for generalization and maintenance Selecting behavioral cusps Promoting generative learning Data display and decision making	Accuracy and fluency quiz questions	Multiple choice exam (pre-and post)
Module 13. Students will identify basic issues related to implementation, management and supervision BACB Task List: <i>K-1-8</i>	Ongoing documentation of services Identifying contingencies of those carrying out behavior change procedures Designing and using competency based training for persons carrying out services Designing and using effective performance monitoring and reinforcement systems Designing and using systems for procedural integrity Providing supervision for behavior change agents Evaluating the effectiveness of behavioral programs Supporting services to maintain client repertoires in the natural environment Arranging for termination of services	Accuracy and fluency quiz questions	Multiple choice exam (pre-and post)

Course Instructions

The tab, [Instructions](#), on the course menu page leads to an overview of the instructions for the course. Click the [Instructions](#) link and read the instructions before you start the course and whenever you have questions about course content or how to do something. If reading the [Instructions](#) and checking the specific activity instructions does not help, please email us.

Required Textbook

No textbook is required for this course. Please see the end of the syllabus for additional instructional content.

Course Activities for BEHV 5910: ABA Review and Evaluation

The course uses a digital, online training program developed by [Behavior Development Solutions](#) (BDS). The BDS modules cover each part of the BACB 4th edition task list. For each task item there are practice acquisition and fluency questions with feedback. For each task section, there are pre-and post-tests that are similar to the format and the content of the BACB exam.

As a student in the UNT online program, you have access to the BDS exam prep modules for two-years after the start of the course, such that you can use the modules for further practice and review after the completion of this course. This course does not require the purchase of an additional textbook, though the exam modules are largely based on Cooper, Heron, and Heward (2007) used in previous courses. Additionally, people have found the text book *Behavior Analysis for Lasting Change* by G. Roy Mayer, Beth Sulzer-Azaroff, and Michele Wallace to be helpful.

Technology Requirements and Tech Help

This course is provided through online modules created by [Behavior Development Solutions \(BDS\)](#). You can access the modules through a link on your course welcome page [BDS Login Page](#).

Within a couple of days, Behavior Development Solutions will email you with your ID and password. If you do not get this information, in a couple of days, please check your junk email folder and then email behv5910R@unt.edu and let us know. BDS will provide tech help and support for this course.

Course Etiquette

Collaboration and civility are core values in the practice of behavior analysis.

Completing courses is part of your graduate education. *How* you engage in those courses is also part of your graduate education – because of that we emphasize professional etiquette as part of your preparation as a behavior analyst.

- Be kind, polite, and respectful. Sometimes the impersonality of the computer makes it hard to remember that we are all humans trying to teach, learn, and make the world a better place. That is why we went into behavior analysis. Be patient with yourself, the process and us!
- Be a problem solver and contributor to improvement of situations. Communicating online is not always as easy because of time differences, technology challenges, and lack of context. Try to approach problems from a behavior analytic perspective and then work on solutions by changing the environment. For general “netiquette” rules, you can refer to sources such as this: [Core Rules for Netiquette](#)
- Seek help when you are not able to resolve something on your own. Collaboration is an important skill in behavior analysis. Learn to know what you don't know and when you need to ask for help. Respond to feedback and suggestions in a professional manner. BAO is designed to help you succeed. That is why we exist.
- Remember the big picture and let that help you behave civilly when you feel discouraged. You are doing this because you will learn skills to help people. That is a goal worth all the hard effort you are putting into it.

Academic Integrity

Honesty is a core value in the practice of behavior analysis.

Progress depends on honesty in data collection, reporting and documenting. For that reason, plagiarism is especially troublesome for behavior analysts in training.

Please note that all work must be completed independently and must be your own work in your own words. Plagiarism, including submitting content identical or highly similar to other student's papers and copying content from journal articles, websites or other sources is strictly prohibited. Using your own previous work without citation is also considered plagiarism.

TURN IT IN will systematically detect any plagiarism. If plagiarism is detected, you will not receive points for the activity. If more than one assignment is plagiarized, you will receive an "F" in the course. If you plagiarized in more than one course, you will be dropped from the program.

*****You are responsible for reading and understanding the [Academic Integrity Policy for Readings and Written Assignments](#) , and the [UNT Student Academic Integrity Policy](#)*****

Feedback to BAO

Your feedback is very important to us and we use it to make decisions about course improvements. We have two formal ways to receive your feedback:

- 1) Each activity contains an opportunity to rate your response and provide comments relevant to that activity. Ratings are made using emojis. Just click and we will see what you think!



- 2) Feedback will also be collected at the end of the semester. At that time, we will ask you to evaluate the content, instruction, and delivery of the course.

Course Calendar and Timelines

Given that the course is approx. 14 weeks in duration (12 wks in summer semester), it is recommended that you complete at least one section every week with the understanding that some sections contain more information than others. *As the course is a capstone it covers all material in the course sequence - there is a lot of work in this course so please get a head start.*

You can elect to take an Incomplete (grade of I) for the semester if you do not finish, and then complete the course the following semester at no additional cost. If you wish to take the Incomplete, please email behv5910R@unt.edu towards the end of the semester and let us know.

Course Grades

A grade of "B" or better is required in this course. Grades are calculated based on the percent of modules completed to 100% accuracy criterion in the semester. In other words, if 100% of the modules are completed to 100% accuracy criterion, then you will earn a 100% in the course. 92% or higher completed to 100% accuracy criterion earns an "A", 85% or higher earns a "B", 77% or higher earns a "C".

The grading system and feedback are designed for student success if you complete the activities in order and as instructed. A grade of “B” or better is required in this course. You must earn a “B” or better to fulfill the requirements for the UNT Certificate in Applied Behavior Analysis.

Course Credit

Successful completion of this course earns the student 3 semester hours of graduate credit or 45 continuing education credits. To fulfill Graduate School and BEHV Continuing Education requirements, course grade must be a B or higher. At the end of the final week of the course, points will be tallied and each student will receive a course grade that is consistent with the number of points earned at that time.

Course Design

This course was designed by BDS.

Permission to Use Copyrighted Materials

All copyright belongs to BDS.

Accommodations

The University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking reasonable accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility.

If a disability is verified, the ODA will provide you with a reasonable accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request reasonable accommodations at any time, however, *ODA notices of reasonable accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of reasonable accommodation for every semester and must meet with each faculty member prior to implementation in each class.*

Since this is an online program, you may email accommodations letters and requests to the course instructor. Instructors have the authority to ask students to discuss accommodations letters with students during an arranged appointment time to protect the privacy of the student. For additional information see the Office of Disability Accommodation website at <http://www.unt.edu/oda>. You may also contact them by phone at [940.565.4323](tel:940.565.4323).

Assistance

If you require help registering for this or another BAO course, please contact Laura Davis at BEHVDLINFO@unt.edu.

If you need help receiving your course grade or other administrative matters, please contact BAO Course Administrator, Brook Wheatley at Brook.Wheatley@unt.edu. We will either help you or forward your request for help to the appropriate personnel at UNT.

Please ensure that you are receiving email from all "@unt.edu" addresses. Check your spam filters and your junk email folders. Change your email settings to allow emails from us to your inbox. We are not responsible for emails we send that you do not receive due to your email account settings. No extensions or exceptions will be granted based on this issue.

Don't forget, you can contact BAO [student support](#) at any time for advice and assistance.



Important Notice for F-1 Students Enrolled in a UNT Degree Program

Federal Regulation To read detailed Immigration and Customs Enforcement regulations for F-1 students taking online courses, please go to the Electronic Code of Federal Regulations website at <http://www.ecfr.gov/>. The specific portion concerning distance education courses is located at Title 8 CFR 214.2 Paragraph (f)(6)(i)(G).

The paragraph reads: (G) For F-1 students enrolled in classes for credit or classroom hours, no more than the equivalent of one class or three credits per session, term, semester, trimester, or quarter may be counted toward the full course of study requirement if the class is taken on-line or through distance education and does not require the student's physical attendance for classes, examination or other purposes integral to completion of the class. An on-line or distance education course is a course that is offered principally through the use of television, audio, or computer transmission including open broadcast, closed circuit, cable, microwave, or satellite, audio conferencing, or computer conferencing. If the F-1 student's course of study is in a language study program, no on-line or distance education classes may be considered to count toward a student's full course of study requirement.

University of North Texas Compliance To comply with immigration regulations, an F-1 visa holder within the United States may need to engage in an on-campus experiential component for this course. This component (which must be approved in advance by the instructor) can include activities such as taking an on-campus exam, participating in an on-campus lecture or lab activity, or other on-campus experience integral to the completion of this course.

If such an on-campus activity is required, it is the student's responsibility to do the following:

- (1) Submit a written request to the instructor for an on-campus experiential component within one week of the start of the course.
- (2) Ensure that the activity on campus takes place and the instructor documents it in writing with a notice sent to the International Student and Scholar Services Office. ISSS has a form available that you may use for this purpose.

Because the decision may have serious immigration consequences, if an F-1 student is unsure about his or her need to participate in an on-campus experiential component for this course, s/he should contact the UNT International Student and Scholar Services Office (telephone 940-565-2195 or email internationaladvising@unt.edu) to get clarification before the one-week deadline.

Course Textbook and Instructional Content

BEHV 5910 ABA Review and Evaluation

Cooper, J. O., Heron, T. E., & Heward, W. L. (2006). *Applied Behavior Analysis* (2nd ed.). Upper Saddle River, NJ: Pearson Prentice Hall.