## **BEHV 5619**

# Fundamentals and Techniques of Compassionate and Effective **Behavior Change**

Summer 2020 Course Syllabus

Instructor and Teaching Assistant Contact Information

Instructor: Kenda Morrison, Ph.D., BCBA-D Teaching Assistant: Elizabeth Vera, B.S.

Email: behv5619@unt.edu

Office Hours: Office hours are available for tutoring and will be held via Zoom on Wednesdays from 12-2 p.m. CST. You can access the Zoom office hours meeting by clicking on Office Hours in the Prerequisite Module. All Zoom calls (video and/or voice) will be recorded.

**Course Assistance:** If you have a question that is not answered in the syllabus or activity instructions, please email us anytime. We love hearing from students, and we are here to help! To contact your Instructor or Teaching Assistant, please email us at behv5619@unt.edu.

If you would like to know the answers to specific questions, please let us know the activity title, the item number, and provide some information about why you think certain answers are correct or incorrect. While we cannot provide specific correct answers, your information will help us to provide tutoring over the course content, which will then help you determine the correct answer. Students can expect a response before or during the next business day.

Other Assistance: If you experience problems with Canvas, please select "help" in the Global menu or visit the UNT help desk or Canvas Technical Support. If you believe Canvas is experiencing an outage, please go to the Canvas Status page to check.

If you require help registering for this or another course in the sequence, or if you need help with other administrative matters, please contact Mariah Hope at behvDLinfo@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 emails 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.

#### **Course Description**

The purpose of this course is to introduce students to the science and practice of applied behavior analysis by providing students with foundational knowledge about the science of behavior analysis, as well as an overview of behavioral principles and the behavior change procedures derived from these principles. Through lectures, readings, video examples, and terminology exercises, students will develop foundational knowledge of concepts and apply these concepts in various simulations meant to further understanding and prepare students for the practice of behavior analysis. The themes of this course include the dynamic interaction of behavior and environment, the identification of behavioral concepts within the student's life, and preparation for professional credentialing as a Board Certified Behavior Analyst.

#### **Course Structure**

This course is fully online; all activities and assessments will be completed in Canvas.

Activities in the course should be completed in the order they are presented within each module. This course has weekly deadlines. To help students do well on the written assignment and in the course, students are required to complete activities by weekly deadlines. We understand that circumstances may sometimes prevent you from meeting a deadline. Therefore, we have a one-week grace period after each deadline. This means that each activity, with the exception of written assignments, activities due during the last week of class, and the final exam, will be available for one week after the deadline on the calendar. After the one-week grace period ends, the activity will be deactivated, and students will no longer be able earn any points on these activities. There will be no exceptions. Therefore, to do well, it is crucial to not only keep up with the course calendar, but to work ahead as much as possible in case of emergencies or other events.

## Course Prerequisites or Other Restrictions

BEHV 5610 ABA Foundations, Concepts and Principles I

BEHV 5612 Meaningful Assessment in Behavioral Practice

BEHV 5613 Culturally Responsive Ethics in Behavioral Practice (may be taken concurrently)

BEHV 5616 (only required for MA students; may be taken concurrently)

BEHV 5618 ABA Foundations, Concepts and Principles II (may be taken concurrently)

#### **BACB Course Hours**

Content is based on the 5<sup>th</sup> edition BACB Task list. This course specifically covers the following academic requirements for the BCBA certification exam: 45 hours of Behavior-Change Procedures. For more information on the Verified Course Sequence distribution, see the VCS Grid.

#### Course Objectives

By the end of this course, students will be able to:

- Identify and define concepts relevant to the practice of applied behavior analysis.
- Identify and select the best answer when completing weekly quizzes over readings and videos relating to fundamentals and techniques relevant to behavioral practice.
- Integrate, apply, and demonstrate the technique recommendation process from initial assessment through final treatment recommendations.
- Demonstrate and apply knowledge of fundamentals and techniques within the science of behavior analysis.

#### Materials

Cooper, J. O., Heron, T. E., & Heward, W. L. (2019). Applied behavior analysis (3rd ed.). Pearson Prentice

Mayer, G. R., Sulzer-Azaroff, B., & Wallace, M. (2018). Behavior analysis for lasting change (4th ed.). Sloan Educational.

Cambridge Center (Producer). (various years). UNT Video textbook [Video collection]. https://uwf.behavior.org/product/unt-bundle/

#### Instructional Allocations

This course is a 3 semester credit hours (sch) graduate course. A typical college graduate course requires allocations of 3 hours of contact time (e.g., course lectures and/or engagement activities) per week and about 6 hours of addition effort (e.g., reading, writing, researching, studying). This totals 45 hours of instructional time and about 90 hours of additional activities. In this course, contact time includes watching videos and answering questions. Additional effort includes reading and written projects.

#### Success in an Online Course

Please see the following resources to help you meet expectations and be successful as an online student:

- Success in an Online Course
- Technical Requirements and Skills
- Online Communication Tips
- Getting Help

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.
- 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. Our courses are 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.

#### Resources

At the beginning of the course on Canvas, there is a Resources module. This module contains valuable information for students including the following topics:

- BAO Registration Information
- Drop/Withdrawal Process
- Getting Help
- Requesting a Transcript
- Technology Information and Requirements

Please check this module to see if your question is answered there before contacting the instructor or TA.

# Weekly Objectives and Activities

Weekly Module	Topic	BACB Task List	Weekly Objectives	Component Assessment Activities	Integration and Application Assessments	
1	Basic Concepts of Behavior Change	G-1, 2, 3, 4, 15, 16, 18	Identify the basic concepts of behavior change and examples that might be observed in clinical practice.	Study Guide Cambridge Video StudyMate	Weekly Quiz	
2	Selecting and Defining Target Behavior	G-16, 19	Define target behaviors and select appropriate methods for measuring these behaviors.	Cambridge Video Practice StudyMate	Weekly Quiz Integration Component	
3	Developing and Selecting Reinforcement	G-1, 3	Describe and identify examples of reinforcement including classification, characteristics, effective clinical use, schedules, parameters, and ethical considerations	Study Guide Cambridge Video StudyMate	Weekly Quiz	
4	Collecting Useful Data and Evaluating Behavior Change	G-9, G-22	Describe methods for selecting interventions based on scientific evidence and assessment results, then making ongoing, data-based decisions throughout intervention.	Study Guides Cambridge Videos StudyMate	Weekly Quiz Integration Component	
5	Effectively Implementing Reinforcement	G-1, 3, 17, 18, 20	Describe and identify examples of reinforcement including classification, characteristics, effective clinical use, schedules, parameters, and ethical considerations	Cambridge Videos StudyMate	Weekly Quiz	
6	Establishing New Behavior- Shaping and Chaining	G-5, 7, 8, 9	Describe and identify clinical examples of techniques and procedures for effectively establishing new behavior	Study Guides Cambridge Video StudyMate	Weekly Quiz Integration Component	
7	Promoting Antecedent Control	G-2, 4, 6, 10, 12	Describe and identify examples of antecedents including classification, characteristics, and effective clinical use	Cambridge Video StudyMate	Weekly Quiz	
	Achieving Stimulus Control and Prompting	G-2, 4, 5, 6, 9, 10, 12	Describe and identify examples of antecedents including classification, characteristics, and effective clinical use		Weekly Quiz	
Cumulative Mid-Term Exam						
8	Specific Programs and Procedures	G-2, 9, 11, 14	Describe Skinner's classification of verbal behavior and identify examples observed in clinical practice	Cambridge Video StudyMate	Weekly Quiz	
	Expanding Stimulus Control	G-4, 5, 7, 8, 9, 21	Describe and identify clinical examples of techniques and procedures for effectively establishing new behavior		Weekly Quiz Integration Component	
9	Maintaining Behavior and Systems Support	G-5, 21, 22	Describe strategies to promote generalization and maintenance of behavior-change, as well as strategies for helping clients by arranging environments and collaborating with those providing service delivery and support.	Cambridge Videos StudyMate	Weekly Quiz	
10	Identification of Effective Techniques	G-21, 22	Describe and discuss strategies for identifying socially significant and effective techniques.	Cambridge Videos StudyMate	Weekly Quiz Integration Component	
11	Preventing Unwanted Behavior	G-6, 13, 14, 15	Describe and identify examples of the effective clinical use of techniques used to decrease behavior without the use of punishment	Study Guides Cambridge Video StudyMate	Weekly Quiz	
12	Preventing and Reducing Unwanted Behavior	G-6, 13, 14, 15, 18	Describe and identify examples of the effective clinical use of techniques used to decrease behavior.	Cambridge Video StudyMate	Weekly Quiz Final Project	
13	Punishment	G-1, 2, 6, 14, 15, 16	Describe and identify examples of punishment including classification, characteristics, effective clinical use, schedules, parameters, and ethical considerations	StudyMate	Weekly Quiz	
Cumulative Final Exam						

## **Course Activities**

#### Study Guides and Practice

Each module contains videos, journal articles, and/or book chapters selected by the course designer. These readings and/or videos have a corresponding Study Guide which consists of multiple-choice questions, which may have multiple correct answers. These activities are designed to be a roadmap through the material, directing the students' attention to key important information in the material. Students may refer to the assigned material when answering Study Guide questions.

Practice activities give students an opportunity to learn through practicing application of a skill or concept learned during that week's activities. Students may refer to the assigned material when answering Practice questions.

#### Cambridge Center Video Assignments

This course incorporates material from the Cambridge Center, including lectures and quizzes. The links to these videos are within the course modules on Canvas. After watching each assigned lecture on the Cambridge website, students will answer questions over the lecture, which are also on the Cambridge website. After successfully answering those questions, students will download their completion certificate and upload it to the corresponding activity in the Canvas course menu. Students will automatically earn all points when they have successfully uploaded their Cambridge completion certificate. However, a zero will later be awarded if the uploaded certificate is not in the student's name or is for a video other than the one listed in the activity on Canvas.

#### StudyMate

StudyMate activities are not worth points but are a way to study and prepare for the weekly quizzes, which are worth points. Each Module has corresponding StudyMate activities that are linked within the module. Students should be successful with the fill-in-the-blank activities before attempting the weekly quiz. Students may refer to the assigned material when practicing StudyMate activites.

#### Application Assessments

Throughout the course, there are several opportunities for students to integrate and apply what they have learned by answering quiz questions or completing projects.

#### Weekly Quizzes

At the conclusion of each module, students will complete a quiz over the content covered that week.

#### **Integration Assessments**

Students will submit a series of Integration Component Assignments throughout the course and a Final Integration Assignment at the end of the course. These activities provide an opportunity to apply what you have learned in the course readings and videos to real-world situations. Please complete all previous course menu activities before submitting an integration assignment to earn the best possible grade. Specific instructions for each written assignment will be under the specific activity in the Canvas Module.

#### **Examinations**

This course includes two examinations, each of which will ask questions over all content previously covered in the course, but with a focus on the content covered since the most recent exam.

#### **Evaluation**

## Grading

A grade of 'B' or better is required for this class.

You will have immediate feedback on all activities, with the exception of written assignments. Grading for written assignments will begin on the due date. Students will receive feedback within two weeks.

Each activity on Canvas indicates the number of points that can be earned within the activity. The Grades link in your Course Menu will provide you with information about your score for each activity and your grade in the class. Please note that assignments that are not completed by the due date will automatically be counted as missing and assigned a grade of 0. If the assignment is then completed during the grace period, the grade will be updated to reflect the highest score earned on the activity.

For more information on how to navigate the Grades page on Canvas, please see the Canvas Student Guide.

Grades are based on the percentage of possible points that a student earns:

- A = 90-100%
- B = 80-89.9%
- C = 70-79.9%
- F = below 70%

Coursework will be weighted as follows:

- 25% Study Guides and Practice Activities
- 25% Weekly Quizzes
- 10% Integration Components
- 15% Final Project
- 10% Mid-Term Examination
- 15% Cumulative Final Examination

#### **Course Evaluation**

Student Perceptions of Teaching (SPOT) is the student evaluation system for UNT and allows students the ability to confidentially provide constructive feedback to their instructor and department to improve the quality of student experiences in the course. SPOT evaluations will be available from July 31st until August 6<sup>th</sup>.

## Course Policies

#### **Assignment Policy**

The Syllabus link on the Course Menu lists the dates when each assignment in the course is due. The Calendar in the Global Navigation Menu on Canvas will also show you all the assignments due on each day. Please use these resources to make a notation of all deadlines in your personal calendar.

Please complete the first module of the course, Preparatory Activities, the first week of the semester. You must complete this module in order to unlock the rest of the modules in the course.

Students must submit the Integration Component Assignments by the following deadlines; there are no grace periods on these assignments, so please notate the due dates in your calendar.

May 25	Environment and Goals		
June 8	Data Collection Systems		
June 22	Reinforcement Systems		
July 6	Prompting and Teaching Procedures		
July 20	Maintenance and Systems Support		
August 3	Final Project		

Activities in the last week of the course will be due by August 6 at 11:59pm CT. There are no grace periods for these activities.

The final exam is due August 7 at 11:59pm CT. There is no grace period for the final exam.

The University is committed to providing a reliable online course system to all users. However, in the event of any unexpected server outage or any unusual technical difficulty which prevents students from completing a time sensitive assessment activity, the instructor will extend the time windows and provide an appropriate accommodation based on the situation. Students should immediately report any problems to the instructor and contact the UNT Student Help Desk: helpdesk@unt.edu or 940.565.2324 and obtain a ticket number. The instructor and the UNT Student Help Desk will work with the student to resolve any issues at the earliest possible time.

#### **Examination and Quiz Policy**

Quizzes require the use of Respondus Lockdown Browser, which will be available in Canvas. Students may not look at other course materials during quizzes.

Examinations must be completed on a laptop or desktop computer using a webcam as exams require the use of Respondus Lockdown Browser and Respondus monitor. Students may not look at other course materials during examinations.

#### Late Work

No credit is given for late assignments.

#### Attendance Policy

This course is fully online; all activities and assessments will be completed in Canvas. No attendance at any specific day or time is required.

#### Syllabus Change Policy

The instructor reserves the right to make changes and updates to the syllabus as needed. Any updates to the syllabus will be posted on Canvas and an announcement will be made regarding relevant changes.

#### **UNT Policies**

#### **Academic Integrity Policy**

Academic Integrity Standards and Consequences. According to UNT Policy 06.003, Student Academic Integrity, academic dishonesty occurs when students engage in behaviors including, but not limited to cheating, fabrication, facilitating academic dishonesty, forgery, plagiarism, and sabotage. A finding of academic dishonesty may result in a range of academic penalties or sanctions ranging from admonition to expulsion from the University.

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 in this course 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.

The Integration assignments will be submitted through Turnitin on Canvas. Turnitin is a program that 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 plagiarize in more than one course, you will be dropped from the program.

You are responsible for reading and understanding Academic Integrity Policy and the UNT Student **Academic Integrity Policy.** 

#### **ADA Policy**

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodations at any time, however, ODA notices of 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 accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the ODA website (https://disability.unt.edu/).

#### **Emergency Notification & Procedures**

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of a university closure, please refer to Blackboard for contingency plans for covering course materials.

#### Access to Information - Eagle Connect

Students' access point for business and academic services at UNT is located at: my.unt.edu. All official communication from the University will be delivered to a student's Eagle Connect account. For more information, please visit the website that explains Eagle Connect and how to forward e-mail Eagle Connect (https://it.unt.edu/eagleconnect).

## Sources

## Course Designer

Kenda Morrison, Ph.D., BCBA-D designed this course. Our outstanding staff conducts testing and reliability on course activities.

## **Copyright Information**

All activities, lectures, and PowerPoints in the course are copyrighted by UNT and may not be reproduced or utilized by any means, electronic or mechanical, without permission of the copyright owners. Students are expressly prohibited from copying course questions and/or uploading them to websites. This is both a violation of copyright and a violation of the Academic Integrity Policy.

## References

- Ala'i-Rosales, S., Cihon, J., Currier, T. D. R., Ferguson, J., Leaf, J. B., Leaf, R., & Weinkauf, S.M. (2018). The big four: Functional assessment research informs preventative behavior analysis. *Behavior Analysis in Practice*, 12, 222-234. <a href="https://doi.org/10.1007/s40617-018-00291-9">https://doi.org/10.1007/s40617-018-00291-9</a>
- Cambridge Center (Producer). (various years). UNT Video textbook [Video collection]. https://uwf.behavior.org/product/unt-bundle/
- Cengher, M., Shamoun, K., Moss, P., Roll, D., Feliciano, G., & Fienup, D. M. (2016). A comparison of the effects of two prompt-fading strategies on skill acquisition in children with Autism Spectrum Disorders. *Behavior Analysis in Practice*, *9*, 115–125. <a href="https://doi.org/10.1007/s40617-015-0096-6">https://doi.org/10.1007/s40617-015-0096-6</a>
- Cooper, J. O., Heron, T. E., & Heward, W. L. (2019). *Applied behavior analysis* (3rd ed.). Pearson Prentice Hall.
- Geiger, K. B., Carr, J. E., & LeBlanc, L. A. (2010). Function-based treatments for escape-maintained problem behavior: A treatment-selection model for practicing Behavior Analysts. *Behavior Analysis in Practice*, 3(1), 22–32. <a href="https://doi.org/10.1007/BF03391755">https://doi.org/10.1007/BF03391755</a>
- Graff, R. B., & Karsten, A. M. (2012). Assessing preferences of individuals with developmental disabilities: A survey of current practices. *Behavior Analysis in Practice*, *5*(2), 37–48. <a href="https://doi.org/10.1007/BF03391822">https://doi.org/10.1007/BF03391822</a>
- Green, G. (2001). Behavior analytic instruction for learners with autism: Advances in stimulus control technology. *Focus on Autism and Other Developmental Disabilities, 16,* 72-85. <a href="https://doi.org/10.1177/108835760101600203">https://doi.org/10.1177/108835760101600203</a>
- Keller, F. S. (1968). "Good-bye, teacher...". *Journal of Applied Behavior Analysis*, 1, 79–89. https://doi.org/10.1901/jaba.1968.1-79
- Kubina, R. M., & Yurich, K. K. L. (2009). Developing behavioral fluency for students with autism: A guide for parents and teachers. *Intervention in School and Clinic, 44*, 131-138. <a href="https://doi.org/10.1177/1053451208326054">https://doi.org/10.1177/1053451208326054</a>

- Leaf, J. B., Cihon, J. H., Leaf, R., McEachin, J., & Taubman, M. (2016). A progressive approach to discrete trial teaching: Some current guidelines. International Electronic Journal of Elementary Education, 9, 361-372. https://files.eric.ed.gov/fulltext/EJ1126632.pdf
- MacDuff, G. S., Krantz, P. J., & McClannahan, L. E. (2001). Prompts and prompt-fading strategies for people with autism. In C. Maurice, G. Green, & R. M. Foxx (Eds.), Making a difference: Behavioral intervention for autism (pp. 37-50). PRO-ED.
- McKay, J. A., Weiss, J. S., Dickson, C. A., & Ahearn, W. H. (2014). Comparison of prompting hierarchies on the acquisition of leisure and vocational Skills. Behavior Analysis in Practice, 7, 91–102. https://doi.org/10.1007/s40617-014-0022-3
- Mayer, G. R., Sulzer-Azaroff, B., Wallace, M. (2018). Behavior analysis for lasting change (4th ed.). Sloan Educational.
- Morrison, K. (2012). Data collection for individuals with Autism: Developing meaningful and efficient systems that work [Video]. BAO. https://bao.unt.edu/jpvideo/player.cfm?xid=Au-KM1
- Snell, M. E., Chen, L., & Hoover, K. (2006). Teaching augmentative and alternative communication to students with severe disabilities: A review of intervention research 1997-2003. Research and Practice for Persons with Severe Disabilities, 31, 203-214. https://doi.org/10.1177/154079690603100301
- Tiger, J. H., Hanley, G. P., & Bruzek, J. (2008). Functional communication training: A review and practical guide. Behavior Analysis in Practice, 1(1), 16–23. https://doi.org/10.1007/BF03391716
- Twyman, J. S. (n.d.) Changing the world with behavior analysis [Video]. BAO. http://bao.unt.edu/ce/jpvideo/player.cfm?xid=IS-JT1