

Grand Valley State University

Psy 523: Applied Behavior Analysis II: Application to Behavior Change

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Office hours: By appointment

Meeting location: Online through Blackboard

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Presentations for Units 1 & 3

COURSE DESCRIPTION

Students will explore the applications of behavior analytic principles in changing behavior. Selection and application of strategies to different contexts, populations, and age groups will be discussed along with effective communication and collaboration with other professionals and families. Ethical considerations and strategies will be addressed.

COURSE OBJECTIVES

Learning Unit	4 th Edition Task List
Motivating operations	E-1, FK-26, FK-27, FK-28, FK-29, FK-30
Developing new behaviors I	D-3, D-4, E-3, J-1, J-8, J-13
Developing new behaviors II	D-5, D-6, D-7
Increasing behaviors	C-1, D-1, D-2, E-4, E-5, F-1, F-2, J-3, FK-31, FK-39, FK-42
Decreasing behaviors	C-3, D-18, D-19, D-21, F-7, J-10, FK-22
Antecedent interventions	E-9, E-10, E-11,
Generalization and maintenance	J-11, J-12, J-14, FK-36, FK-37
Interventions	D-8, E-2, E-12, E-13, F-3, F-4, F-5, F-6, FK-43, FK-44, FK-45, FK-46

READINGS AND ADDITIONAL VIDEO LECTURES

Book:

Cooper, J. O., Heron, T. E., & Heward, W. L. (2007). *Applied behavior analysis* (2nd ed.). Upper Saddle River, NJ: Pearson Education. (used in ABA I)

Lane, K., & Menzies, H. M. (2015). *Supporting behavior for school success: A step-by-step guide to key strategies* (1st ed.). New York: Guilford Press. (used in ABA I)

Coursepack:

Go to the online store at coursepacksetc.com. Once the pack is ordered it will take one day to reproduce and another day for shipping. You must list a street address for delivery.

COURSE INFORMATION

Required Equipment (owned or accessible)

- High-speed internet access
- Computer with a sound card and speakers; operating system that meets current Blackboard browser requirements (see below)
- Microphone (built in or external)
- Computer camera for videoconference, synchronous meetings (most laptops have a camera)

Blackboard is the Course Management System

To access Blackboard, go to <https://mybb.gvsu.edu/> and enter your log in and password.

This course utilizes Blackboard, GVSU's online course management system. Take a look at the GVSU Online Learning pages to find numerous materials about using Blackboard and online learning <http://www.gvsu.edu/online/>.

Use of Blackboard is integral to this course and students must log on a few times each week in order to complete course requirements, receive important announcements and updates, and communicate with instructors and other students about course content.

Check the current [technical requirements](#) to use Blackboard and [preferred browser information](#).

Technical difficulties with Blackboard

If you experience technical problems with Blackboard, contact the help desk by email helpdesk@gvsu.edu or phone 616-331-3513. The help website is <http://www.gvsu.edu/it/learn/>

Accessing the Library

Many of GVSU's library resources can be accessed online [Distance and Off-Campus Learning Services](#) with many journal articles available on demand. You must have an active GVSU student account to take advantage of the library's resources and services.

Some courses may have reading materials in course reserve. To access course reserve, [click here](#).

Graduate Writing Resources

The [Graduate Writing Resources](#) available to assist with all kinds of writing tasks and they will give feedback on writing assignments. It is not just for students who struggle with writing. They can help any student improve writing skills.

Accommodations for Students with Disabilities

If you need specific accommodations and you have a documented disability, you will need to contact the Disability Support Resources Office at 616-331-2490 to coordinate

accommodations. If you plan to request accommodations in this course, please let me know right away so I can assist you.

BCBA Certification Information

This course is one of six courses in the 18-credit Applied Behavior Analysis Graduate Certificate Program at GVSU. Successful completion of the course sequence results in the GVSU Graduate Certificate in Applied Behavior Analysis. The ABA Graduate Certificate is a Verified Course Sequence (VCS) by the Behavior Analyst Certification Board (BACB). The BACB has approved the GVSU course sequence as meeting the 270-hour coursework requirements for eligibility to pursue certification as a BCBA. Additionally, the BACB requires that you show proof of a master's degree in psychology, education, or behavior analysis and evidence that you have accrued the required number of supervised experience hours before you can register to take the BCBA exam. You are responsible for ensuring that you meet all of the current BACB standards. For more information about the Behavior Analyst Certification Board, go to www.bacb.com and click on "Obtain a Credential."

COURSE ORGANIZATION and ASSIGNMENTS

Synchronous Meeting (participate in 4 synchronous meetings)

The course will start with a synchronous meeting with everyone logging onto Zoom to get an introduction to the course. Subsequent synchronous meetings will provide an opportunity to talk about course materials and assignments, as well as prepare for exams. The date and time for these meetings are listed on Blackboard.

Readings (weekly)

You will have book chapters and articles to read weekly. It is critical to stay up on the readings. This is where you will learn much of the content along with the ABA terminology, which is cumulative over the course of the ABA sequence and is important for course exams and the BACB exam. Most importantly, the reading content is necessary for your work as a practitioner.

Learning Units (two week modules)

The learning units will be a foundational part of the course and this is where you will find instructions for each two-week segment of the course including reading assignments, course content presentations, practice activities, and assignments. Units will open up two weeks at a time and an assignment will be due at the end of the two-week period. All previous units will be open throughout the course.

Each unit will have embedded questions and practice activities associated with the content. These are ungraded activities. However, it is strongly recommended that you complete these brief activities since they will help you to solidify your understanding of information and they will help with the assignments and exams.

Term fluency (weekly completion, submitted biweekly starting unit 2)

You will be practicing terminology weekly and across all of the courses. Fluency with ABA terms will help you understand concepts more deeply, speak the language of ABA and increase your odds of passing the BACB exam. More information about the term fluency requirements will be available in the Term Fluency folder on Blackboard. You will practice and graph your term fluency assessment each week but you will turn in one graph each unit. You will be using Quizlet to access the terms, practice, and quiz yourself. <http://quizlet.com>

Note: The term fluency will be different from ABA I so read the instructions in Bb carefully.

Discussion board – (each learning unit)

Discussion board questions will be posted with each unit to promote discussion related to the topics covered in the unit. It is important to have interactions with others around the ABA terminology and application. You can receive extra credit for posting early. A grading rubric is provided on the Blackboard site under Course Basics.

Cooper Quizzes – (Each Cooper, Heron & Heward chapter)

You will complete a Cooper quiz for each chapter of the Cooper book that is assigned. These quizzes are graded with a small number of points assigned. It is highly recommended that you complete the assigned Cooper quizzes since they will allow you a quick check to know if you are understanding concepts in the chapter. Note that these questions tend to be easier than the questions on the course exams or the BACB exam. More information about the Cooper quiz requirements will be posted on Blackboard. Cooper quiz website -

http://wps.prenhall.com/chet_cooper_appliedbeh_2/

Assignments – (each Learning Unit)

You will have an assignment associated with each learning unit. These will vary in type and length but most will involve practice or application of concepts from the unit content. These are graded and will constitute an important part of your learning and grade for the course. All written assignments must be prepared in a professional manner (typed, and free from spelling/grammatical errors). More information about each of these assignments will be provided on Blackboard.

Exams – (3 proctored exams)

You will have 3 exams scheduled throughout the semester focused on 4-6 weeks of course content. The exams will be multiple choice and short answer, and will constitute almost half of your grade. The multiple choice questions will mirror the types of questions on the BACB exam. The final exam will include questions from all units.

Note: All exams must be proctored. If you are off-site and not available to participate in the exam at the scheduled location with the instructor, you will need to follow the guidelines for identifying an approved proctor and complete the exam on the scheduled exam date.

Guidelines for identifying an approved proctor are posted in Blackboard.

POINTS AND GRADING

Assignment	Points	Total Points for Semester
Synchronous meeting (at start of course)	2	8
Term fluency (13)	2	26
Cooper quizzes (9)	3	27
Discussion board (7)	5	35
Assignments (7)	20	140
Exams (3)	60/60/70	190
TOTAL POINTS		426

Final Grade Requirement

Students seeking the ABA Graduate Certificate must complete all courses with a B- or higher in each course and finish with a minimum 3.0 grade point average in the course sequence.

Letter Grade	Percentage Range
A	94-100%
A-	90-93%
B+	87-89%
B	83-86%
B-	80-82%
C+	77-79%
C	70-76%
D	61-69%
F	0-60%

ACADEMIC INTEGRITY

[GVSU Student Code regarding Integrity of Scholarship and Grades:](#)

Section 223.00: Integrity of Scholarships and Grades

Truth and Honesty. The principles of truth and honesty are recognized as fundamental to a community of teachers and scholars. The University expects that both faculty and students will honor these principles, and in so doing protect the validity of University grades. This means that all academic work will be done by the student to whom it is assigned without unauthorized aid of any kind. Instructors, for their part, will exercise care in the planning and supervision of academic work, so that honest effort will be positively encouraged.

Section 223.01: Plagiarism

Any ideas or material taken from another source for either written or oral presentation must be fully acknowledged. Offering the work of someone else as one's own is plagiarism. The language or ideas taken from another may range from isolated formulas, sentences, or paragraphs to entire articles copied from books, periodicals, speeches or the writings of other students. The offering of materials assembled or collected by others in the form of projects or collections without acknowledgment also is considered plagiarism. Any student who fails to give credit in written or oral work for the ideas or materials that have been taken from another is guilty of plagiarism.

"This course is subject to GVSU's general requirements for courses. A full list with pointers to resources may be found at www.gvsu.edu/coursepolicies."

**Psy 523: Applied Behavior Analysis II: Application to Behavior Change
Winter 2019**

Dates	Learning Unit	Readings	Assignments
Unit 1 Jan 7-20	Review of ABA I Concepts <ul style="list-style-type: none"> Motivating operation and stimulus control Intro to FBA and functions of behavior	<ul style="list-style-type: none"> Cooper chapter 16 p. 384-389 Langthorne & McGill - review Carbone et al. (2010) Lane et al. (2011) – Ch. 7* Hieneman (2015) 	Synchronous mtg Discussion board Assignment 1
Unit 2 Jan 12- Feb 3	ABA and PBIS Developing new behaviors I <ul style="list-style-type: none"> Modeling and imitation Behavioral skills training 	<ul style="list-style-type: none"> Dunlap et al. (2008) Cooper Ch. 18 Miltenberger - Ch. 12 Nuerenberger et al. (2011) Hine (2015) 	Cooper quiz Term fluency Discussion board Assignment 2
Unit 3 Feb 4-17	Developing new behaviors II <ul style="list-style-type: none"> Task analysis Shaping Chaining Prompting 	<ul style="list-style-type: none"> Cooper Ch. 19, 20 Miltenberger Ch. 10 Peterson (2006) Skinner (1951) 	Synchronous mtg Cooper quizzes Term fluency Discussion board Assignment 3
Feb 18			Exam 1
Unit 4 Feb 18- Mar 3	Increasing behaviors <ul style="list-style-type: none"> Group contingences Contingency contracting Token economies Self-management 	<ul style="list-style-type: none"> Cooper Ch. 26, 27 (p. 576-604) Theodore et al. (2001) Donaldson et al. (2011) Kellam et al. (2011) Lane et al. (2011) Ch. 5* Schulze (2016) Otero & Haut (2016) - optional 	Cooper quizzes Term fluency Discussion board Assignment 4
Mar 4-10	SPRING BREAK		
Unit 5 Mar 11-24	Decreasing behaviors <ul style="list-style-type: none"> Extinction Differential reinforcement 	<ul style="list-style-type: none"> Cooper Ch. 21, 22 Waters et al. (2009) Austin & Bevan (2011) 	Synchronous mtg Cooper quizzes Term fluency Discussion board Assignment 5
Mar 25			Exam 2
Unit 6 March 25- Apr 7	Antecedent assessment and intervention <ul style="list-style-type: none"> Antecedent strategies High P request sequence Generalization and maintenance	<ul style="list-style-type: none"> Cooper Ch. 23, 28 Miltenberger Ch. 16 Krueger et al. (2016) Lane et al (2015) Ch. 6 p. 131-145* Stokes & Baer (1977)-optional 	Cooper quizzes Term fluency Discussion board Assignment 6
Unit 7 Apr 8-21	Behaviorally-based teaching strategies <ul style="list-style-type: none"> Explicit instruction Precision teaching Instructional interventions 	<ul style="list-style-type: none"> Archer & Hughes (2011) 1 & 2 Johnson & Street (2012) 2 Martens et al. (2015) Lane et al (2015) Ch. 5 - optional 	Synchronous mtg Term fluency Discussion board Assignment 7
Apr 25	Finals week		Exam 3

Coursepack Readings

Cooper et al. (2007) and Lane et al. (2015) chapters will not be on this list.

* Note there are two books by Lane et al. The book you purchased (2015) and the chapters in the coursepack (2011). Make sure you look at the year to identify which material to read.

Archer, A. L., & Hughes, C. A. (2011). *Explicit instruction: Effective and efficient teaching*. (Ch. 1 & 2). New York: Guilford.

Austin, J. L., & Bevan, D. (2011). Using differential reinforcement of low rates to reduce children's requests for teacher attention. *Journal of Applied Behavior Analysis, 44*(3), 451-461.

Carbone, V. J., Morgenstern, B., Zecchin-Tirri, G., & Kolberg, L. (2010). The role of the reflexive-conditioned motivating operation (CMO-R) during discrete trial instruction of children with autism. *Focus on Autism and Other Developmental Disabilities, 25*(2), 110-124.

Donaldson, J. M., Vollmer, T. R., Krous, T., Downs, S., & Berard, K. P. (2011). An evaluation of the good behavior game in kindergarten classrooms. *Journal of Applied Behavior Analysis, 44*(3), 605-609.

Dunlap, G., Carr, E. G., Horner, R. H., Zarcone, J. R., & Schwartz, I. (2008). Positive behavior support and applied behavior analysis. *Behavior Modification, 32*(5), 682-698.

Hieneman, M. (2015). Positive behavior support for individuals with behavior challenges. *Behavior Analysis in Practice, 8*(1), 101-108.

Hine, K. (2014). Effects of behavioral skills training with directed data collection on the acquisition of behavioral practices by workers in a private, not-for-profit child care center. *Journal of Organizational Behavior Management, 34*(3), 223-232.

Johnson, K. & Street, E. M. (2013). *Response to intervention and precision teaching*. (Ch. 2). New York: Guilford.

Kellam, S. G., Mackenzie, A. C. L., Brown, C. H., Poduska, J. M., Wang, W., Petras, H., & Wilcox, H. C. (2011). The good behavior game and the future of prevention and treatment. *Addiction Science & Clinical Practice, 6*(1), 73-84.

Kruger, A. M., Strong, W., Daly, Edward J., I., II, O'Connor, M., Sommerhalder, M. S., Holtz, J., . . . Heifner, A. (2016). Setting the stage for academic success through antecedent intervention. *Psychology in the Schools, 53*(1), 24-38.

Lane, K. L., Menzies, H. M., Bruhn, A. L., & Crnabori, M. (2011). Managing challenging behaviors in schools: Research-based strategies that work. New York: Guilford Press. (Chapters 5 & 7).

*Note: This is different from the Lane et al 2015 book that you purchased for the ABA series.

Langthorne, P., & McGill, P. (2009). A tutorial on the concept of the motivating operation and its importance to application. *Behavior Analysis in Practice*, 2(2), 22-31.

Martens, B. K., Daly, E. J., I.,II, & Ardoin, S. P. (2015). Applications of applied behavior analysis to school-based instructional intervention. In H. S. Roane, J. E. Ringdahl & T. S. Falcomata (Eds.), *Clinical and organizational applications of applied behavior analysis; clinical and organizational applications of applied behavior analysis* (pp. 125-150) Elsevier Academic Press, San Diego, CA.

Miltenberger, R. G. (2012). *Behavior modification: Principles and procedures* (6th ed.). Boston, MA: Cengage Learning. (chapters 10, 12, & 16)

Nuernberger, J. E., Ringdahl, J. E., Vargo, K. K., Crumpecker, A. C., & Gunnarsson, K. F. (2013). Using a behavioral skills training package to teach conversation skills to young adults with autism spectrum disorders. *Research in Autism Spectrum Disorders*, 7(2), 411-417.

Otero, T. L., & Haut, J. M. (2016). Differential effects of reinforcement on the self-monitoring of on-task behavior. *School Psychology Quarterly*, 31(1), 91-103.

Peterson, G. B. (2006). Shaping. *Encyclopedia of Educational Psychology*. Sage Publications.

Schulze, M. A. (2016). Self-management strategies to support students with ASD. *Teaching Exceptional Children*, 48(5), 225-231.

Skinner, B.F. (1951). How to Teach Animals. *Scientific American*, 185(12), 26-29.

Stokes, T. F., & Baer, D. M. (1977). An implicit technology of generalization. *Journal of Applied Behavior Analysis*, 10, 349-367.

Theodore, L. A., Bray, M. A., Kehle, T. J., & Jensen, W. R. (2001). Randomization of group contingencies and reinforcers to reduce classroom disruptive behavior. *Journal of School Psychology*, 39(3), 267-277.

Waters, M. B., Lerman, D. C., & Hovanetz, A. N. (2009). Separate and combined effects of visual schedules and extinction plus differential reinforcement on problem behavior occasioned by transitions. *Journal of Applied Behavior Analysis*, 42(2), 309-313.

Tips for a Successful Learning Experience

**Although these might seem obvious and simple, they will make a difference*

- Read the syllabus and all preparatory information on Blackboard
- Stay organized and track due dates
- Plan weekly study times
- KEEP UP ON THE READING
- Log onto Blackboard at least 3 times per week to check announcements, discussion board, and interact with course material
- Get to know the other students in the class and help each other learn the language and the concepts
- Study the course terminology and monitor your progress on the term fluency graph
- Post questions, comments, and ideas on discussion board
- Ask questions of the instructor. Not just clarification questions about logistics, but content questions. Post questions relevant to all students on the Open Forum.