



**College of Education and Human Development  
Division of Special Education and disAbility Research**

Fall 2024

EDSE 625: Applied Behavior Analysis: Verbal Behavior

Section 002; CRN: 74302

Section: DL1; CRN: 83209

3 – Credits

<b>Instructor:</b> Dr. Lisa Tullo	<b>Meeting Dates:</b> 8/26/24-10/20/24
<b>Phone:</b> 703-993-6589	<b>Meeting Day(s):</b> Online
<b>E-Mail:</b> ltullo@gmu.edu	<b>Meeting Time(s):</b> Asynchronous
<b>Office Hours:</b> By appointment	<b>Meeting Location:</b> Online
<b>Office Location:</b> Finley 100D	<b>Other Phone:</b> N/A

***Note: This syllabus may change according to class needs. Teacher Candidates/Students will be advised of any changes immediately through George Mason e-mail and/or through their LMS (Learning Management System).***

**Prerequisite(s):** EDSE 619 with a grade of B- or XS.

**Co-requisite(s):** None

**Course Description**

Expands students' abilities to deal with more complex behavioral situations and enables students to relate to more sophisticated professional issues and environments.

**Advising Contact Information**

Please make sure that you are being advised on a regular basis as to your status and progress through your program. Mason M.Ed. and Certificate teacher candidates/students should contact Student Services at 1-844-306-1785, [mason@support.edu.help](mailto:mason@support.edu.help) for assistance.

**Advising Tip**

Are you ready to apply for graduation? Students completing their program can apply for graduation on Patriotweb. If you are graduating from a Masters and certificate, be sure to apply

to graduate from each program. Visit <http://registrar.gmu.edu/students/graduation/> for more information.

### **Course Delivery Method**

Learning activities include the following:

1. Class lecture and discussion
2. Application activities
3. Small group activities and assignments
4. Video and other media supports
5. Research and presentation activities
6. Electronic supplements and activities via your LMS

This course will be delivered online (76% or more) using an asynchronous format via Mason's Learning Management system (LMS). You will log in to the course site using your Mason email name (everything before @masonlive.gmu.edu) and email password. The course site will be available in accordance with the posted start date of the course.

**Under no circumstances, may candidates/students participate in online class sessions (either by phone or Internet) while operating motor vehicles. Further, as expected in a face-to-face class meeting, such online participation requires undivided attention to course content and communication.**

### **Technical Requirements**

- To access your course in Blackboard Learn: <https://mymasonportal.gmu.edu/>

Under no circumstances, may candidates/students participate in online class sessions (either by phone or Internet) while operating motor vehicles. Further, as expected in a face-to-face class meeting, such online participation requires undivided attention to course content and communication.

### **Technical Requirements**

To participate in this course, students will need to satisfy the following technical requirements:

- High-speed internet access with updated browsers.
  - [Blackboard Learn](https://help.blackboard.com/Learn/Student/Ultra/Getting_Started/Browser_Support) supported browsers:  
[https://help.blackboard.com/Learn/Student/Ultra/Getting\\_Started/Browser\\_Support](https://help.blackboard.com/Learn/Student/Ultra/Getting_Started/Browser_Support)
- Consistent and reliable access to GMU email and the course LMS, as these are the official methods of communication for this course.
- Speakers and a microphone or a microphone-enabled headset for use with the

synchronous web conferencing tools.

- Note that students may be asked to create logins and passwords on supplemental websites and/or to download trial software to their computer or tablet as part of course requirements.
- Technical Support 24/7
  - chat: <https://support.edu.help>
  - call: 1-844-306-1785
  - e-mail: [Mason@support.edu.help](mailto:Mason@support.edu.help)

## **Expectations**

- Course Week:  
Because asynchronous courses do not have a “fixed” meeting day, our week will start on Monday, and finish on Sunday at 11:59 pm.
- Log-in Frequency:  
Students must actively check the course LMS site and their GMU email for communications from the instructor, class discussions, and/or access to course materials at least 3 times per week. In addition, students must log-in for all scheduled online synchronous meetings.
- Participation:  
Students are expected to actively engage in all course activities throughout the semester, which includes viewing all course materials, completing course activities and assignments, and participating in course discussions and group interactions.
- Technical Competence:  
Students are expected to demonstrate competence in the use of all course technology. Students who are struggling with technical components of the course are expected to seek assistance from the instructor and/or College or University technical services.
- Technical Issues:  
Students should anticipate some technical difficulties during the semester and should, therefore, budget their time accordingly. Late work will not be accepted based on individual technical issues.
- Workload:  
Please be aware that this course is not self-paced. Students are expected to meet specific deadlines and due dates listed in the Class Schedule section of this syllabus. It is the student’s responsibility to keep track of the weekly course schedule of topics, readings, activities and assignments due.
- Instructor Support:  
Students may schedule a one-on-one meeting to discuss course requirements, content or other course-related issues. Those unable to come to a Mason campus can meet with the instructor via telephone or web conference. Students should email the instructor to schedule a one-on-one session, including their preferred meeting method and suggested dates/times.

- **Netiquette:**

The course environment is a collaborative space. Experience shows that even an innocent remark typed in the online environment can be misconstrued. Students must always re-read their responses carefully before posting them, so as others do not consider them as personal offenses. Be positive in your approach with others and diplomatic in selecting your words. Remember that you are not competing with classmates but sharing information and learning from others. All faculty are similarly expected to be respectful in all communications.

### **Learner Outcomes**

Upon completion of this course, teacher candidates/students will be able to:

1. Define and describe characteristics of verbal behavior.
2. Distinguish between structural and functional approaches to verbal behavior.
3. Define, describe, identify, and exemplify basic verbal operants.
4. Describe, identify, and exemplify audience and other historic and contextual variables as they pertain to verbal behavior.
5. Describe and demonstrate assessment of verbal behavior repertoires using the ABLLS-R and the VB-MAPP.
6. Interpret verbal behavior assessment data and identify goals and objectives for instruction.
7. Develop instructional and intervention procedures based on verbal behavior assessment outcomes.
8. Develop behavioral data collection and data-based decision making systems to incorporate into instructional and assessment procedures based on verbal behavior assessment outcomes.
9. Describe philosophical and ethical aspects of verbal behavior assessment, instruction, and intervention.

### **Course Relationship to Program Goals and Professional Organizations**

This course is part of the George Mason University, School of Education (SOED), Special Education Program for Applied Behavior Analysis Graduate Certificate. The content of the courses in this program is derived from the Task List published by the national Behavior Analyst Certification Board (BACB) as well as the Ethics Code for Behavior Analysts. The Professional and Ethics Code for Behavior Analysts is listed on the following website:

<https://www.bacb.com/wp-content/uploads/2020/11/Ethics-Code-for-Behavior-Analysts-2102010.pdf>. For more information on the Board and the examination, please visit the Board's website at [www.bacb.com](http://www.bacb.com).

### **Required Textbooks**

Cooper, J., Heron, T., & Heward, W. (2019). *Applied behavior analysis, 3rd Edition*. Pearson.

Fryling, M., Rehfelddt, R., Tarbox, J., & Hayes, L. (2020). *Applied behavior analysis of language and cognition: Core concepts and principles for practitioners*. Context Press.

- NOTE: DO NOT PURCHASE- This is available as a free digital resource from the GMU library.

Partington, J.W. (2007). *The assessment of basic language and learning skills (Revised) (ABLLS-R)*. Behavior Analysts, Inc.

- NOTE: YOU CANNOT PURCHASE THIS FROM THE BOOKSTORE! Order from the publisher directly or a 3<sup>rd</sup> party site.
- You need both the assessment and the protocol.

Sundberg, M.L. (2008). *Verbal Behavior Milestones Assessment and Placement Program*. AVB Press. ISBN 978-0-9818356-1-7 and 978-0-9818356-0-0.

- You need both the assessment and the protocol

Sundberg, M.L., and Partington, J.W. (1998). *Teaching language to children with autism or other developmental disabilities*. Behavior Analysts, Inc.

### **Recommended Textbooks**

American Psychological Association. (2020). *Publication manual of the American Psychological Association* (7th ed.). <https://doi.org/10.1037/0000165-000>

### **Required Resources**

<https://foxylearning.com/oer/an-introduction-to-verbal-behavior/>

<https://foxylearning.com/oer/an-introduction-to-relational-frame-theory/>

### **Course Performance Evaluation**

Students are expected to submit all assignments on time in the manner outlined by the instructor (e.g., LMS, VIA, hard copy).

**Signature assessment.** The sum of the two Verbal Behavior Instructional Projects will be the signature assessment for this course.

Please submit your Verbal Behavior Instructional Projects as outlined below.

### **Assignments and/or Examinations**

#### **Verbal Behavior Instructional Project**

For this project you will apply what you have learned about assessment and intervention with verbal behavior targets. Using a completed ABLLS-R and a completed VB-MAPP, you will:

1. Fill in the ABLLS-R Skills Tracking grids and VB-MAPP grids correctly (10 points per assessment)
2. Select six different targets for instruction across six different operants/domains (2 points per goal). For each target, you will:
  - a. Operationally define each goal (2 points per goal)
  - b. Select a research-based instructional procedure with a rationale (2 points per goal)
  - c. Select a data collection measure (1 point per goal)
  - d. Create a data collection form (1 point per goal)
  - e. Write step-by-step data collection procedures (2 points per goal)
  - f. Write step-by-step instructional procedures (2 points per goal)
3. Include a reference list in APA 7 format (6 points)
4. Submit as 3 documents- ABLLS-R grid, VB-MAPP grid, instructional grids with references (2 points)

**Verbal Behavior Instructional Project Drafts.** Beginning in Module 3, you will be assigned a portion of the VB Instructional Project to draft and submit prior to the next week's class session. Each draft submitted on time will be graded based on completeness rather than accuracy. Late drafts will not be accepted. You will be provided feedback on your drafts, which you will be expected to incorporate when putting together your final project.

**Reaction Papers.** There are two Reaction papers in Module 8. To complete these assignments:

1. Choose two of the videos or resources.
2. Write and submit a brief (about 2 pages) paper for each resource in which you:
  - a. Summarize the information.
  - b. Explain what was new to you.
  - c. Explain how you may incorporate this new information into your work.

Ensure that your spelling, grammar, and punctuation are correct. Submit your reaction paper through the links in the graded activities folders during the weeks for which they were assigned. (15 points possible per paper)

**Discussion Board Items.** Each week you will have a Discussion Board Item to which to respond. To respond to the Discussion Board Item, read the item, and then follow the instructions to complete the activity. Respond to your peers throughout the week- each discussion has specific instructions on what to include. Make sure to implement feedback from your instructor as well. (10 points per discussion)

**Weekly Quizzes.** There are several quizzes in each week of the course that check your knowledge of the assigned videos and reading materials. Each correct answer is worth one point toward your final grade. Total quiz availability time is equivalent to 1.5 min per question. (124 points total)

**Verbal Operant Summary Table.** Download or print this in Week 1. Write in the content of each of the cells during Weeks 1 and 2 as you work through the lessons. Double check all answers and correct, as needed. Upload as part of Week 2's assignments. (5 points)

**Foxy Learning Modules.** Foxy Learning is an online learning platform that includes open education resources. Throughout the course you will complete the following modules: 1) Introduction to Verbal Behavior and 2) Introduction to Relational Frame Theory. Throughout the two learning modules, there are 51 lessons. After you pass each lesson, you will take a screenshot which will be submitted in the corresponding assignment on the LMS. Each lesson is worth one point.

Assignment	Points
Discussions (8) <ul style="list-style-type: none"> <li>• M1 Discussion: Verbal or Nonverbal? (10 pts)</li> <li>• M2 Discussion: Engineering Verbal Operants Part 1 (10 pts)</li> <li>• M3 Discussion: Engineering Verbal Operants Part 2 (10 pts)</li> <li>• M4 Discussion: Convergent and Divergent Control (10 pts)</li> <li>• M5 Discussion: Verbal Behavior Assessment Goals (10 pts)</li> <li>• M6 Discussion: Verbal Behavior Teaching Procedures (10 pts)</li> <li>• M7 Discussion: Stimulus Equivalence (10 pts)</li> <li>• M8 Discussion: Wrapping Up Verbal Behavior (10 pts)</li> </ul>	80 pts
Verbal Operant Worksheet (1)	5 pts
Quizzes (7)	128 pts
Assignments (4)	86 pts

<ul style="list-style-type: none"> <li>• Foxy Learning Lessons (M1, M2, M4, M7) (51 pts)</li> <li>• M2 Assignment: Verbal Operant Worksheet (5 pts)</li> <li>• M8 Reaction Papers (2): Sundberg Reaction Paper (15 pts each)</li> </ul>	
<b>Verbal Behavior Instructional Project (VBIP) (6)</b> <ul style="list-style-type: none"> <li>• M3 Assignment: VBIP Draft 1 (3 pts)</li> <li>• M4 Assignment: VBIP Draft 2 (3 pts)</li> <li>• M4 Assignment: VBIP Draft 3 (6 pts)</li> <li>• M5 Assignment: VBIP Draft 4 (6 pts)</li> <li>• M6 Assignment: VBIP Draft 5 (6 pts)</li> <li>• M8 Assignment: VBIP Final (87 pts)</li> </ul>	111 pts
<b>Total</b>	<b>405 pts</b>

## Course Policies and Expectations

### Attendance/Participation

Given that this is an asynchronous course, we do not have course meetings. We do have recordings to be watched, discussion boards with discussions with your classmates to be completed, quizzes to be taken, drafts to be completed, and so forth, every week, it is essential that you plan - and follow through with that plan – to interact with the course at minimum three times per week. More will probably be needed for many students. It is strongly recommended that you distribute your work throughout the week, and don't let it wait until the weekend during which the grade earning assignments are due. Much of the content in this course will be new to you, will be difficult, and will require time and thought to “sink in.”

### Late Work

Assignments are due at 11:59 pm on Monday at the end of the week for which they were assigned. Late work is not accepted.

### Other Requirements

Given the possibility of computer or internet difficulties some students may experience from time to time, students must consider and identify alternative availability of computers and internet access (e.g., public libraries, their employer (if permissible by the employer), internet cafes, etc.) within the first week of this course to ensure that they will be able to complete their assignments in a timely manner.



Several assignments will require that you scan your work and upload it to the LMS. Given this, you will need to have access to a scanner that will permit you to scan a multiple page document into a single document and save it as a pdf file. Many of our home printers do this. Scanners are also available at FedEx Office, Staples, and other, similar stores for your use. Some employers will also permit use of their scanners for this purpose. Scanned multiple page documents must be in pdf format and must include all pages for the document in a single pdf file. Uploads of multiple, single page pdfs, and uploads of jpg files will not be accepted.

**Grading Scale (traditional rounding principles apply)**

- 93-100% = A
- 90-92% = A-
- 87-89% = B+
- 83-86% = B
- 80-82% = B-
- 70-79% = C
- < 69% = F

Assignment Type	Number of Instances	Points per Instance	Total Possible for Assignment Type	Cumulative Points Possible
ABLLS-R VBIP	1 Project	40 points	40 points	40 points
VB-MAPP VBIP	1 Project	40 points	40 points	80 points
Discussion Boards	7 DBs	5 points	40 points	120 points
ABA Toolchest Video Quizzes	7 Quizzes	10 points	70 points	190 points
VB IP Drafts	5 Drafts	2 points	10 points	200 points
Reaction Papers	4 Papers	15 points	60 points	260 points
Content Quizzes	111 questions	1 point per question	110 points	370 points
Verbal Operant Worksheet	1 Worksheet	5 points	5 points	375 points

**\*Note:** The George Mason University Honor Code will be strictly enforced (see <https://oai.gmu.edu/> and <https://catalog.gmu.edu/policies/honor-code-system/>). Students are responsible for reading and understanding the Code. “To promote a stronger sense of mutual responsibility, respect, trust, and fairness among all members of the George Mason University community and with the desire for greater academic and personal achievement, we,

the student members of the university community, have set forth this honor code: Student members of the George Mason University community pledge not to cheat, plagiarize, steal, or lie in matters related to academic work.” Work submitted must be your own new, original work for this course or with proper citations.

**Student Evaluations of Teaching:**

The student evaluation of teaching, or SET, is an online course survey. You are strongly encouraged to complete this form for each course as this feedback helps instructors and administrators improve your class experiences. Towards the end of the course, you will receive email and LMS notifications when the evaluations open. Your anonymous and confidential feedback is only shared with instructors after final grades have been submitted.

**Professional Dispositions**

Throughout study in the College of Education and Human Development, students are expected to demonstrate behaviors that reflect the positive dispositions of a professional. See [Student Guide \(https://cehd.gmu.edu/current-students/cehd-student-guide\)](https://cehd.gmu.edu/current-students/cehd-student-guide).

**Use of Generative AI**

Generative AI tools should follow the principles of Mason’s Academic Standards. This includes being honest about the use of these tools for submitted work and including citations when using the work of others, whether individual people or Generative AI tools.

**Class Schedule**

\*Note: Faculty reserves the right to alter the schedule as necessary, with notification to students.

Module	Readings and Activities	Deliverables
1	<input type="checkbox"/> ABALC, Ch. 1, 2 <input type="checkbox"/> Cooper, Ch. 18 <input type="checkbox"/> Module 1 Lessons (Use guided notes and Verbal Operant Worksheet)	<input type="checkbox"/> Module 1 Content Quizzes <input type="checkbox"/> Discussion: Verbal or Nonverbal? <input type="checkbox"/> Assignment: FoxyLearning Lessons <input type="checkbox"/> Assignment: Verbal Operant worksheet (due in M2) <input type="checkbox"/>
2	<input type="checkbox"/> Review Cooper, Ch. 18 <input type="checkbox"/> Module 2 Recordings (Use guided notes and Verbal Operant Worksheet)	<input type="checkbox"/> Module 2 Content Quizzes <input type="checkbox"/> Discussion: Engineering Verbal Operants Part 1 <input type="checkbox"/> Assignment: Foxy Learning Lessons <input type="checkbox"/> Assignment: Verbal Operant Worksheet
3	<input type="checkbox"/> Sundberg, VB-MAPP Guide and Protocol	<input type="checkbox"/> Module 3 Content Quizzes <input type="checkbox"/> Discussion: Engineer Verbal Operants Part 2

	<input type="checkbox"/> Module 3 Recordings (use guided notes)	<input type="checkbox"/> VBIP Draft 1
4	<input type="checkbox"/> ABLLS-R Guide and Protocol <input type="checkbox"/> Palmer & Sundberg, The multiple control of verbal behavior <input type="checkbox"/> Module 4 Recordings (Use guided notes)	<input type="checkbox"/> Module 4 Content Quizzes <input type="checkbox"/> Discussion: Convergent and Divergent Control <input type="checkbox"/> Assignment: VBIP Draft 2 <input type="checkbox"/> Assignment: VBIP Draft 3 <input type="checkbox"/> Assignment: Foxy Learning Lessons
5	<input type="checkbox"/> Module 5 Recordings (Use guided notes)	<input type="checkbox"/> Module 5 Content Quizzes <input type="checkbox"/> Discussion: Verbal Behavior Assessment Goals <input type="checkbox"/> Assignment: VBIP Draft 3
6	<input type="checkbox"/> ABALC Ch. 3-4 <input type="checkbox"/> Sundberg and Partington Chapters 5 – 9 <input type="checkbox"/> Module 6 Recordings (Use guided notes)	<input type="checkbox"/> Module 6 Content Quizzes <input type="checkbox"/> Discussion: Verbal Behavior Teaching Procedures <input type="checkbox"/> Assignment: VBIP Draft 5
7	<input type="checkbox"/> Cooper, Ch. 19 <input type="checkbox"/> ABALC, Ch. 5 <input type="checkbox"/> Sundberg and Partington Ch. 10 – 12 <input type="checkbox"/> Module 7 Recordings (Use guided notes)	<input type="checkbox"/> Module 7 Content Quizzes <input type="checkbox"/> Discussion: Stimulus Equivalence <input type="checkbox"/> Assignment: Foxy Learning Lessons <input type="checkbox"/> Extra Credit Assignment: Muldoon and Hoch Reaction Paper
8	<input type="checkbox"/> Sundberg, Ch. 13-14 <input type="checkbox"/> Module 7 Recordings (Use guided notes)	<input type="checkbox"/> Assignment: Reaction Paper 1 and 2 <input type="checkbox"/> Discussion: Wrapping Up Verbal Behavior <input type="checkbox"/> Assignment: VBIP Final

### CEHD Commitments

The College of Education and Human Development is committed to fostering collaboration and community, promoting justice and equity, and advancing research-informed practice. Students are expected to adhere to, and contribute to, these commitments, the CEHD Mission, and Core Values of George Mason University. More information can be found here: [Culture](https://cehd.gmu.edu/about/culture/) (<https://cehd.gmu.edu/about/culture/>)

### GMU Policies and Resources for Students

#### Policies

- Students must adhere to Mason’s Academic Standards. See [Academic Standards](https://catalog.gmu.edu/policies/academic-standards/) (<https://catalog.gmu.edu/policies/academic-standards/>)

- Students must follow the university policy for Responsible Use of Computing (see <http://universitypolicy.gmu.edu/policies/responsible-use-of-computing/>).
- Students are responsible for the content of university communications sent to their Mason email account and are required to activate their account and check it regularly. All communication from the university, college, school, and program will be sent to students **solely** through their Mason email account.
- Students with disabilities who seek accommodations in a course must be registered with George Mason University Disability Services. Approved accommodations will begin at the time the written letter from Disability Services is received by the instructor (see <https://ds.gmu.edu/>).
- Students must silence all sound emitting devices during class unless otherwise authorized by the instructor.

### **Campus Resources**

- Support for submission of assignments to VIA should be directed to [viahelp@gmu.edu](mailto:viahelp@gmu.edu) or <https://cehd.gmu.edu/aero/assessments>.
- Questions or concerns regarding use of your LMS should be directed to:
  - o **Blackboard Learn:** <https://its.gmu.edu/knowledge-base/blackboard-instructional-technology-support-for-students/>
  - o **Canvas:** <https://its.gmu.edu/service/canvas/>
- For information about [student support resources](#) on campus, see: <https://ctfe.gmu.edu/teaching/student-support-resources-on-campus>
  - o **TimelyCare:** <https://caps.gmu.edu/timelycare-services/>
  - o **Writing Center:** <https://writingcenter.gmu.edu/>

### **Notice of mandatory reporting of sexual assault, sexual harassment, interpersonal violence, and stalking:**

As a faculty member, I am designated as a “Non-Confidential Employee,” and must report all disclosures of sexual assault, sexual harassment, interpersonal violence, and stalking to Mason’s Title IX Coordinator per [University Policy 1202](#). If you wish to speak with someone confidentially, please contact one of Mason’s confidential resources, such as the [Student Support and Advocacy Center \(SSAC\)](#) at 703-380-1434 or [Counseling and Psychological Services \(CAPS\)](#) at 703-993-2380. You may also seek assistance or support measures from Mason’s Title IX Coordinator by calling 703-993-8730, or emailing

[titleix@gmu.edu](mailto:titleix@gmu.edu).

For additional information on the College of Education and Human Development, please visit our website [College of Education and Human Development \(http://cehd.gmu.edu/\)](http://cehd.gmu.edu/).

### **Student and Faculty Names and Pronouns**

Name and pronoun use: If you wish, please share your name and gender pronouns with me and indicate how best to address you in class and via email. I use [she/her/hers] for myself and you may address me as “Dr. Tullo” or “Professor Tullo.” in email and verbally. I encourage students to use tools Mason provides to change your name and pronouns on Mason records, if you so choose: <https://registrar.gmu.edu/updating-chosen-name-pronouns/>

### **Diversity and Inclusion Statement**

The College of Education and Human Development, an intentionally inclusive community, promotes and maintains an equitable and just work and learning environment. We welcome and value individuals and their differences including race, economic/class status, gender expression and identity, sex, sexual orientation, ethnicity, national origin, first language, religion, age, and ability status, among other characteristics.

- We value our diverse student body and desire to increase the diversity of our faculty and staff.
- We commit to supporting students, faculty and staff who have been the victims of bias and discrimination.
- We promote continuous learning and improvement to create an environment that values diverse points of view and life experiences.
- We believe that faculty, staff, and students play a role in creating an environment that engages diverse points of view.
- We believe that by fostering their willingness to hear and learn from a variety of sources and viewpoints, our students will gain competence in communication, critical thinking and global understanding, and become aware of their biases and how they affect their interactions with others and the world.

### **Land Acknowledgement Statement**

Land acknowledgment engages all present in an ongoing indigenous protocol to enact meaningful, reciprocal relationships with ancestors and contemporary tribal nations. As a state university, we have a responsibility to include and support indigenous communities and sovereign tribes in our work.

At the place George Mason University occupies, we give greetings and thanksgivings to these Potomac River life sources, to the Doeg ancestors, who Virginia annihilated in violent campaigns while ripping their lands apart with the brutal system of African American enslavement, to the recognized Virginia tribes who have lovingly stewarded these lands for millennia, including the Rappahannock, Pamunkey, Upper Mattaponi, Chickahominy, Eastern Chickahominy, Nansemond, Monacan, Mattaponi, Patawomeck,

and Nottaway, past, present, and future, and to the Piscataway tribes, who have lived on both sides of the river from time immemorial.

## Appendix

**Signature assessment.** The Verbal Behavior Instructional Project will be the signature assessment for this course. You will not need to make a VIA submission. Your instructor will submit this assessment score for you. Please submit your Verbal Behavior Instructional Projects as outlined in the Verbal Behavior Instructional Projects portion of the Assignments section of this document.

### Discussion Rubric

Criteria	Exceeds Expectations	Competent	Needs Improvement	Not Competent
Initial Timing of Post	<b>3 points</b> Initial post submitted by deadline on course schedule	<b>2 points</b> Initial post is submitted up to 1 day after deadline on course schedule	<b>1 point</b> Initial post is submitted up to 2 days after deadline on course schedule.	<b>0 points</b> Submits initial post more than 2 days after the deadline.
Quality of Initial Post	<b>4 points</b> Posts well-developed assignment that fully addresses, develops, and critically interacts with the task. Adds to initial post with corrections if feedback is given by the instructor.	<b>3 points</b> Posts assignment which addresses at least one aspect of the task; lacks full development of concepts and critical interaction. Does not add to the initial post with corrections if feedback is given by the instructor	<b>1 to 2 points</b> Posts assignment with superficial thought and preparation; does not sufficiently address the task. Response is unclear.	<b>0 points</b> Does not participate in discussion, or only posts after the discussion is closed.
Quality of Response Posts to Classmates	<b>3 points</b> Responds to at least 2 classmates' posts. Demonstrates	<b>2 points</b> Responds to at least 2 classmates' posts before the discussion	<b>1 point</b> Responds to at least 1 classmates' posts before the discussion	<b>0 points</b> No responses to classmates, or posts are submitted after

	<p>reflectivity about and analysis of others' posts; critically interacts with others' posts by respectfully challenging ideas and extending discussion through the synthesis of ideas; statements are supported by scholarly sources and personal experiences. Posts meet criteria of specific assignment instructions and are submitted before the discussion closes.</p>	<p>closes. One of two responses demonstrates reflectivity about and analysis of others' posts; critically interacts with others' posts by respectfully challenging ideas and extending discussion through the synthesis of ideas; statements are supported by scholarly sources and personal experiences. Posts meet criteria of specific assignment instructions.</p>	<p>closes. Posts shallow contribution to discussion (e.g., simply agrees or disagrees); does not enrich discussion; does not introduce information from additional source material. Posts do not meet criteria of specific assignment instructions.</p>	<p>the instructions close.</p>
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**Reaction Papers Rubric (15 points total per paper)**

Criteria	Exceeds Expectations	Competent	Needs Improvement	Not Competent
Content of Paper	<p><b>10 Points</b> Demonstrates mastery by appropriately analyzing, synthesizing, and/or evaluating all elements of assigned topic,</p>	<p><b>8 Points</b> Demonstrates mastery by appropriately analyzing, synthesizing, and/or evaluating all elements of assigned topic,</p>	<p><b>6 Points</b> Demonstrates general comprehension of some elements of the assigned topic. Critical thinking is limited and/or connections to</p>	<p><b>0 Points</b> Insufficiently addresses one or more major components of the assignment and/or demonstrates limited comprehension</p>

	with explicit references to relevant course content and concepts.	with explicit references to relevant course content and concepts.	course content/concepts are somewhat irrelevant.	of the assigned topic.
Format & Organization of Paper	<b>3 Points</b> Submission is well organized and adheres to all formatting requirements with minimal errors.	<b>2 Points</b> Submission is generally organized and attempts to adhere to all formatting requirements with occasional minor errors.	<b>1 Points</b> Submission is somewhat disorganized and/or fails to fully address one or more formatting requirements.	<b>0 Points</b> Submission is disorganized and/or disregards one or more formatting requirements.
Conventions of Paper	<b>2 Points</b> Appropriately applies conventions of academic writing style and skillfully communicates meaning to readers with clarity, fluency, and minimal errors.	<b>1.5 Points</b> Generally applies the conventions of academic writing style with occasional minor errors.	<b>1 Points</b> Generally applies the conventions of academic writing style with one or two significant or repeated errors.	<b>0 Points</b> Fails to apply conventions of academic writing style and/or uses language that impedes the reader's overall comprehension.

**Final Verbal Behavior Instructional Project Rubric**

Criteria	Exceeds Expectations	Competent	Needs Improvement	Not Competent
ABLLS-R Tracking Grids	<b>10 to 10 points</b> Tracking grids are filled out correctly and completely	<b>8 to 9 points</b> One component is missing or incorrect from the tracking grid.	<b>7 points</b> 2 components are missing or incorrect from the tracking grid.	<b>0 to 6 points</b> 3 or more components are missing or incorrect from the tracking grid.
VB-MAPP Grid	<b>10 to 10 points</b> Tracking grids are filled out correctly and completely	<b>8 to 9 points</b> One component is missing or	<b>7 points</b> 2 components are missing or incorrect	<b>0 to 6 points</b> 3 or more components are missing



		incorrect from the tracking grid.	from the tracking grid.	or incorrect from the tracking grid.
Target 1	<p><b>10 to 10 points</b> Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. Targets include the following components that are complete and correct:</p> <ul style="list-style-type: none"> <li>Operationally define the goals (2 points per goal)</li> <li>Select a research-based instructional procedure with a rationale (2 points per goal)</li> <li>Select a data collection measure (1 point per goal)</li> <li>Create a data collection form (1 point per goal)</li> <li>Write step-by-step data collection procedures (2 points per goal)</li> <li>Write step-by-step instructional procedures (2 points per goal)</li> </ul>	<p><b>8 to 9 points</b> Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. There are 1-2 errors or elements missing from the following components:</p> <ul style="list-style-type: none"> <li>Operationally define the goals (2 points per goal)</li> <li>Select a research-based instructional procedure with a rationale (2 points per goal)</li> <li>Select a data collection measure (1 point per goal)</li> <li>Create a data collection form (1 point per goal)</li> <li>Write step-by-step data collection procedures (2 points per goal)</li> <li>Write step-by-step instructional procedures (2 points per goal)</li> </ul>	<p><b>7 points</b> Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. There are 3-4 errors or elements missing from the following components:</p> <ul style="list-style-type: none"> <li>Operationally define the goals (2 points per goal)</li> <li>Select a research-based instructional procedure with a rationale (2 points per goal)</li> <li>Select a data collection measure (1 point per goal)</li> <li>Create a data collection form (1 point per goal)</li> <li>Write step-by-step data collection procedures (2 points per goal)</li> <li>Write step-by-step instructional procedures (2 points per goal)</li> </ul>	<p><b>0 to 6 points</b> Inadequately addresses the target, or the target is missing. There are 5 or more errors or elements missing from the following components:</p> <ul style="list-style-type: none"> <li>Operationally define the goals (2 points per goal)</li> <li>Select a research-based instructional procedure with a rationale (2 points per goal)</li> <li>Select a data collection measure (1 point per goal)</li> <li>Create a data collection form (1 point per goal)</li> <li>Write step-by-step data collection procedures (2 points per</li> </ul>

				goal) • Write step-by-step instructional procedures (2 points per goal)
Target 2	<p><b>10 to 10 points</b></p> <p>Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. Targets include the following components that are complete and correct: • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-by-step data collection procedures (2 points per goal) • Write step-by-step instructional procedures (2 points per goal)</p>	<p><b>8 to 9 points</b></p> <p>Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. There are 1-2 errors or elements missing from the following components. • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-by-step data collection procedures (2 points per goal) • Write step-by-step instructional procedures (2 points per goal)</p>	<p><b>7 points</b></p> <p>Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. There are 3-4 errors or elements missing from the following components. • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-by-step data collection procedures (2 points per goal) • Write step-by-step instructional procedures (2 points per goal)</p>	<p><b>0 to 6 points</b></p> <p>Inadequately addresses the target, or the target is missing. There are 5 or more errors or elements missing from the following components. • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-by-step data</p>

				collection procedures (2 points per goal) • Write step-by-step instructional procedures (2 points per goal)
Target 3	<p><b>10 to 10 points</b> Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. Targets include the following components that are complete and correct: • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-by-step data collection procedures (2 points per goal) • Write step-by-step instructional</p>	<p><b>8 to 9 points</b> Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. There are 1-2 errors or elements missing from the following components. • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-by-step data collection procedures (2 points per goal) • Write step-by-step instructional</p>	<p><b>7 points</b> Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. There are 3-4 errors or elements missing from the following components. • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-by-step data collection procedures (2 points per goal) • Write step-by-step instructional procedures (2 points per goal)</p>	<p><b>0 to 6 points</b> Inadequately addresses the target, or the target is missing. There are 5 or more errors or elements missing from the following components. • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point</p>

	procedures (2 points per goal)	procedures (2 points per goal)		per goal) • Write step-by-step data collection procedures (2 points per goal) • Write step-by-step instructional procedures (2 points per goal)
Target 4	<p><b>10 to 10 points</b> Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. Targets include the following components that are complete and correct: • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-by-step data collection procedures (2</p>	<p><b>8 to 9 points</b> Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. There are 1-2 errors or elements missing from the following components. • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-by-step data collection procedures (2</p>	<p><b>7 points</b> Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. There are 3-4 errors or elements missing from the following components. • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-by-step data collection procedures (2 points per goal) • Write step-by-step instructional</p>	<p><b>0 to 6 points</b> Inadequately addresses the target, or the target is missing. There are 5 or more errors or elements missing from the following components. • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) •</p>

	points per goal) • Write step-by-step instructional procedures (2 points per goal)	points per goal) • Write step-by-step instructional procedures (2 points per goal)	procedures (2 points per goal)	Create a data collection form (1 point per goal) • Write step-by-step data collection procedures (2 points per goal) • Write step-by-step instructional procedures (2 points per goal)
Target 5	<p><b>10 to 10 points</b> Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. Targets include the following components that are complete and correct: • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-</p>	<p><b>8 to 9 points</b> Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. There are 1-2 errors or elements missing from the following components. • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-</p>	<p><b>7 points</b> Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. There are 3-4 errors or elements missing from the following components. • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-by-step data collection procedures (2</p>	<p><b>0 to 6 points</b> Inadequately addresses the target, or the target is missing. There are 5 or more errors or elements missing from the following components. • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection</p>

	<p>by-step data collection procedures (2 points per goal) • Write step-by-step instructional procedures (2 points per goal)</p>	<p>by-step data collection procedures (2 points per goal) • Write step-by-step instructional procedures (2 points per goal)</p>	<p>points per goal) • Write step-by-step instructional procedures (2 points per goal)</p>	<p>measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-by-step data collection procedures (2 points per goal) • Write step-by-step instructional procedures (2 points per goal)</p>
Target 6	<p><b>10 to 10 points</b> Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. Targets include the following components that are complete and correct: • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create</p>	<p><b>8 to 9 points</b> Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. There are 1-2 errors or elements missing from the following components. • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create</p>	<p><b>7 points</b> Six different targets are completed across six operants/domains. 3 are from the VB-MAPP and 3 are from the ABLLS-R. There are 3-4 errors or elements missing from the following components. • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-</p>	<p><b>0 to 6 points</b> Inadequately addresses the target, or the target is missing. There are 5 or more errors or elements missing from the following components. • Operationally define the goals (2 points per goal) • Select a research-based instructional procedure with a rationale (2 points per</p>

	a data collection form (1 point per goal) • Write step-by-step data collection procedures (2 points per goal) • Write step-by-step instructional procedures (2 points per goal)	a data collection form (1 point per goal) • Write step-by-step data collection procedures (2 points per goal) • Write step-by-step instructional procedures (2 points per goal)	by-step data collection procedures (2 points per goal) • Write step-by-step instructional procedures (2 points per goal)	goal) • Select a data collection measure (1 point per goal) • Create a data collection form (1 point per goal) • Write step-by-step data collection procedures (2 points per goal) • Write step-by-step instructional procedures (2 points per goal)
Format & Organization	<b>2 points</b> Final report submitted as 3 documents: • ABLLS-R grid • VB-MAPP grid • Instructional grids with a reference page at the end	<b>N/A</b>	<b>N/A</b>	<b>0 Points</b> Final report is incomplete or formatted improperly
APA References	<b>5 to 5 points</b> All references are in correct APA 7 format, with up to one error.	<b>3 to 4 points</b> There are two to four errors in APA 7 formatting.	<b>1 to 2 points</b> There are 5 or more errors in APA 7 formatting.	<b>0 points</b> References are not in APA7 format, or are missing.