

COURSE OUTLINE

SOCSCI 2UB3E
Principles of Applied Behaviour Analysis 2

Class time: Thursdays 7:00pm-10:00pm (January 9 – April 2, 2020)

Location: ETB 235

Instructor: Whitney Mah

Email: mahwj@mcmaster.ca

Office: Kenneth Taylor Hall (KTH) 208

Office Hours: Thursday 5:30-6:30 by appointment only

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# Course Overview

## Course Description:

This course presents an examination of the principles of applied behavior analysis and how they can be applied to clinical populations, such as persons with autism. This course is a follow up to 2UA3, and will examine research in the field of ABA and consider clinical applications of the concepts presented.

Course Objectives:
Upon completion of this course, students will be able to:

1. Identify various principles of applied behaviour analysis and state how they can be applied to problems of social importance.
2. Explain how treatment effectiveness is determined through data collection, graphing and analysis.
3. Identify and describe research from within from within the field of applied behaviour analysis.

You will work on developing academic skills that are transferable to your other university courses as well as to the workforce. These skills include:

* Critical reading and thinking;
* Communication (oral, written and visual);
* Research Skills; and
* Group work skills

## Required Texts:

| ISBN | Textbook Title & Edition | Author & Publisher |
| --- | --- | --- |
| ISBN 13: 978-1-59738-050-8ISBN 10: 1-59738-050-4 | Behavior Analysis for Lasting Change, Fourth Edition | Mayer, G. Roy; Sulzer-Azaroff, Beth; Wallace, Michele (2014).*Sloan Publishing.* |

## Required Materials:

1. Fox, E.J. *An Introduction to Verbal Behavior*

<https://foxylearning.com/tutorials/vb>

 Students will be responsible for purchasing ‘Premium access’ ($12)

 Code: 671054

1. An Introduction to Relational Frame Theory - Premium Access

<https://foxylearning.com/tutorials/rft>

 Students will be responsible for purchasing ‘Premium access’ ($12)

 Code: 671064

# Course Requirements/Assignments

Requirements Overview and Deadlines

|  |  |  |
| --- | --- | --- |
| Assessment Activity | % of Grade | Date Due |
| Weekly Interteaching (X4) | 20% | Workbook 1: January 23Workbook 2: January 30Workbook 3: February 6Workbook 4: February 27 |
| Midterm Exam | 25% | February 13, 2020(in class) |
| Foxy Learning Tutorials | 20% | Certificate 1: March 19Certificate 2: March 26 |
| FINAL EXAMCumulative | 35% | Exam week |

Requirement/Assignment Details

1. Weekly Interteaching:
* For 4 weeks across this term you will be assigned a partner in class. You and this partner will work on completing the Interteaching materials. Prior to each class, you will be required to complete a workbook based on the readings (approximately 5 questions), then you will participate in an in-class discussion. Your grade for each week will be comprised of your completion of the Interteaching workbook as well as participation in the in-class discussion. Completed Interteaching workbooks are to be provided to the instructor at the beginning of class on the date they are due.
1. Midterm Exam (cumulative):
* The midterm exam will include content derived from the lectures and readings from the beginning of the course up to the time of the exam. The midterm exam will be administered at the beginning of class on the date indicated.
1. Online “Foxy Learning” Tutorials
* Students will complete two online tutorials and provide the instructor with a certificate of completion, handed in using the dropbox on Avenue to Learn.
1. Final Exam (cumulative):
* The final exam is cumulative and will include content covered in class and in the readings over the course of the semester. The final exam will be administered through the testing centre on the date provided.

Assignment Submission and Grading

## Form and Style

* *Written Assignments:* All written assignments are to be typed and double-spaced. Please include a title page with your name, student number and email address, the topic title of the assignment and the date submitted. Please submit a paper copy to the Instructor at the start of class on the due date as well as submit one file copy per group to the appropriate Dropbox in Avenue 2Learn.
* *Submitting Assignments Electronically:* Group assignments submitted electronically must include the last names of all members of the group in the filename (e.g. Mah\_Gregory\_Interteaching1.rtf)

## Grading

* *Late Submissions:* All work is due on the date stated, unless other arrangements have been made in advance with the instructor. A late penalty of 5 percentage points per day will apply after the due date (weekends included).
* *Class Participation and Engagement:* Class participation and engagement is an important component of this course (and of active learning). Therefore, we expect all students to be ‘active’ participants in this course. This means attending all classes, being actively involved in class activities and thoughtful discussion, and completing all assignments. Your participation will be significantly influenced by your active involvement in class, and the quality of that involvement. Negative class participation includes the following: missing classes, talking to classmates about things that are not a contribution to the class discussion, general nonparticipation in or disruption of class/class activities, sleeping during class, coming to class late or leaving early, and using any of the following electronic devices: cell phones, mp3 players, ipods, ipads, and other electronic devices. Computers may be used in class but ONLY for note taking purposes. The success of this course depends on you! Students who are most successful in this course fulfill these expectations, and engage in all aspects of the course!

## Avenue to Learn

* In this course we will be using Avenue to Learn. Students should be aware that, when they access the electronic components of this course, private information such as first and last names, user names for the McMaster e-mail accounts, and program affiliation may become apparent to all other students in the same course. The available information is dependent on the technology used. Continuation in this course will be deemed consent to this disclosure. If you have any questions or concerns about such disclosure please discuss with the course instructor.

## Privacy Protection

In accordance with regulations set out by the Freedom of Information and Privacy Protection Act, the University will not allow return of graded materials by placing them in boxes in departmental offices or classrooms so that students may retrieve their papers themselves; tests and assignments must be returned directly to the student. Similarly, grades for assignments for courses may only be posted using the last 5 digits of the student number as the identifying data. The following possibilities exist for return of graded materials:

1. Direct return of materials to students in class;
2. Return of materials to students during office hours;
3. Students attach a stamped, self-addressed envelope with assignments for return by mail;
4. Submit/grade/return papers electronically.

Arrangements for the return of assignments from the options above will be finalized during the first class.

Grades for the examinations and the group assignment will be posted on Avenue2Learn. Final Grades for the course will be posted on Mosaic.

## Extreme Circumstances

The University reserves the right to change the dates and deadlines for any or all courses in extreme circumstances (e.g., severe weather, labour disruptions, etc.). Changes will be communicated through regular McMaster communication channels, such as McMaster Daily News, A2L and/or McMaster email.

Student Responsibilities

* Students are expected to contribute to the creation of a respectful and constructive learning environment. Students should read material in preparation for class, attend class on time and remain for the full duration of the class. A formal break will be provided in the middle of each class, students are to return from the break on time.
* In the past, student and faculty have found that non-course related use of laptop computers and hand-held electronic devices during class to be distracting and at times disruptive. Consequently, during class students are expected to only use such devices for taking notes and other activities directly related to the lecture or class activity taking place.
* Please check with the instructor before using any audio or video recording devices in the classroom.

## Academic Integrity

You are expected to exhibit honesty and use ethical behaviour in all aspects of the learning process. Academic credentials you earn are rooted in principles of honesty and academic integrity. Academic dishonesty is to knowingly act or fail to act in a way that results or could result in unearned academic credit or advantage. This behaviour can result in serious consequences, e.g. the grade of zero on an assignment, loss of credit with a notation on the transcript (notation reads: “Grade of F assigned for academic dishonesty”), and/or suspension or expulsion from the university. It is your responsibility to understand what constitutes academic dishonesty. For information on the various types of academic dishonesty please refer to the [Academic Integrity Policy](http://www.mcmaster.ca/academicintegrity.).

The following illustrates only three forms of academic dishonesty:

* Plagiarism, e.g. the submission of work that is not one’s own or for which other credit has been obtained.
* Improper collaboration in group work.
* Copying or using unauthorized aids in tests and examinations.

## Academic Accommodation of Students with Disabilities

Students with disabilities who require academic accommodation must contact Student Accessibility Services (SAS) to make arrangements with a Program Coordinator. Student Accessibility Services can be contacted by phone 905-525-9140 ext. 28652 or e-mail sas@mcmaster.ca for further information, consult McMaster University’s [Academic Accommodation of Students with Disabilities](https://www.mcmaster.ca/policy/Students-AcademicStudies/AcademicAccommodation-StudentsWithDisabilities.pdf) policy.

## Religious, Indigenous and Spiritual Observances (RISO)

Students requiring academic accommodation based on religious, indigenous or spiritual observances should follow the procedures set out in the RISO policy. Students requiring a RISO accommodation should submit their request to their Faculty Office normally within 10 working days of the beginning of term in which they anticipate a need for accommodation or to the Registrar’s Office prior to their examinations. Students should also contact their instructors as soon as possible to make alternative arrangements for classes, assignments, and tests.

Please review the [RISO information for students in the Faculty of Social Sciences](https://socialsciences.mcmaster.ca/current-students/riso) about how to request accommodation.

## E-mail Communication Policy

Effective September 1, 2010, it is the policy of the Faculty of Social Sciences that all e-mail communication sent from students to instructors (including TAs), and from students to staff, must originate from the student’s own McMaster University e-mail account. This policy protects confidentiality and confirms the identity of the student. It is the student’s responsibility to ensure that communication is sent to the university from a McMaster account. If an instructor becomes aware that a communication has come from an alternate address, they may not reply.

## McMaster Student Absence Form (MSAF)

In the event of an absence for medical or other reasons, students should review and follow the Academic Regulation in the Undergraduate Calendar “Requests for Relief for Missed Academic Term Work”.

# Course Weekly Topics and Readings

COURSE SCHEDULE

| Date | Topic, Lecture Details & Homework | Chapter | BACB Content Area |
| --- | --- | --- | --- |
| Week 1January 9, 2020 | IntroductionIntroduction to course and course requirementsBiglan, A. (2015). *The nurture effect: How the science of human behavior can improve our lives and our world*. New Harbinger Publications. Chapter 1Critchfield, T. S. (2014). Ten rules for discussing behavior analysis. *Behavior Analysis in Practice*, *7*(2), 141-142. |  | FK-01, FK-02, FK-03, FK-04, FK-06, FK-07, FK-08, FK-09 |
| Week 2January 16, 2020 | Chapter 10: Setting a Foundation for Positive Change: Identifying Participant’s Functional Reinforcers  | 10 | G-01, G-02, G-03, G-08, I-02, I-03, I-04, FK-32 |
| Week 3January 23, 2020 | Chapter 26:An Introduction to Preventing and/or Reducing Contextually Inappropriate BehaviourChapter 27: Preventing Unwanted Behaviour: Antecedent MethodsInterteaching Workbook 1 Due at the beginning of class | 26 & 27 | G-08, FK-39 |
| Week 4January 30, 2020 | Chapter 27:Preventing Unwanted Behavior: Non-contingent reinforcement Chapter 28: Reducing Unwanted Behaviour: ExtinctionInterteaching Workbook 2 Due at the beginning of class | 27 and 28 | C-03, D-18, D-20, D-21, E-07, FK-22, FK-38, J-10 |
| Week 5 February 6, 2020 | Chapter 29: Constructively Preventing and Reducing Behavior: Differential Reinforcement ProceduresLehman, P. K., & Geller, E. S. (2005). Behavior analysis and environmental protection: Accomplishments and potential for more. *Behavior and social issues*, *13*(1), 13-32.Biglan, A., & Embry, D. D. (2013). A framework for intentional cultural change. *Journal of contextual behavioral science*, *2*(3), 95-104Interteaching Workbook 3 Due at the beginning of class | 29 |  |
| Week 6 February 13, 2020 | Midterm Exam. No content this week. |  |  |
| February 20, 2020 | WINTER BREAK WEEK |  |  |
| Week 7February 27, 2020 | Moore, J. (2011). What do mental terms mean? *The Psychological Record*,*60*(4), 10.Friman, P. C. (2010). Come on in, the water is fine: Achieving mainstream relevance through integration with primary medical care. *The Behavior Analyst*,*33*(1), 19.Interteaching Workbook 4 Due at the beginning of class |  | FK-08, FK-07, FK-41, FK-42 |
| Week 8March 5, 2020 | Chapter 19: Teaching, Expanding and Refining Verbal Behavior | 19 | FK-24, FK-25, FK-31, FK-34, FK-35, FK-36, FK-37, FK-41, FK-42, FK-43, FK-44, FK-45, FK-46 |
| Week 9March 12, 2020 | *Online tutorial – NO CLASS*An Introduction to Verbal Behavior<https://foxylearning.com/tutorials/vb> |  | FK-24, FK-25, FK-31, FK-34, FK-35, FK-36, FK-37, FK-41, FK-42, FK-43, FK-44, FK-45, FK-46 |
| Week 10March 19, 2020 | *Online tutorial – NO CLASS**An Introduction to Relational Frame Theory*[*https://foxylearning.com/tutorials/rft*](https://foxylearning.com/tutorials/rft)Introduction to Verbal Behavior Certificate due by 11:59pm. |  | FK-12, FK-24, FK-25, FK-31, FK-34, FK-35, FK-36, FK-37, FK-41, FK-42, FK-43, FK-44, FK-45, FK-46 |
| Week 11March 26, 2020 | Relational Frame Theory classBlackledge, J. T. (2003). An introduction to relational frame theory: Basics and applications. *The Behavior Analyst Today*, *3*(4), 421.Introduction to Relational Frame Theory Certificate due by 11:59pm. |  | FK-12, FK-24, FK-25, FK-31, FK-34, FK-35, FK-36, FK-37, FK-41, FK-42, FK-43, FK-44, FK-45, FK-46 |
| Week 12April 2, 2020 | Language: Putting it all togetherBarnes-Holmes, D., Barnes-Holmes, Y., & Cullinan, V. (2000). Relational frame theory and Skinner's Verbal Behavior: A possible synthesis. *The Behavior Analyst*, *23*(1), 69.Final Exam review |  | FK-12, FK-24, FK-25, FK-31, FK-34, FK-35, FK-36, FK-37, FK-41, FK-42, FK-43, FK-44, FK-45, FK-46 |
| Final Exam periodApril 13-28, 2020 | FINAL EXAM |  |  |

Note:

* Any homework that is a “Dropbox item” indicates homework that will count towards the allocated in-class activity marks. The homework will form the basis for in-class discussions and group work. Prior to the start of class please post the required information to the appropriate Dropbox in Avenue2Learn. (For discussion purposes make sure you bring a copy to class or have access to the information on your lap top.)
* **The instructor and university reserve the right to modify elements of the course during the term. The university may change the dates and deadlines for any or all courses in extreme circumstances. If either type of modification becomes necessary, reasonable notice and communication with the students will be given with explanation and the opportunity to comment on changes. It is the responsibility of the student to check his/her McMaster email.**