DEVELOPMENT OF BEHAVIOR INTERVENTION PROGRAMS

Spring 2019

Instructor:

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Office Hours:
M - R 12:00-4:00
& by appointment

Time And Place:

Wednesday 6:00-8:50 PM.
WH 215

Course Objectives:

The goal of this course is to teach you the process of writing behavior change programs to improve the lives of individuals. The major themes covered will include the selection and measurement of behavior, analysis of contingencies, assessment of the intra- and extra-organismic variables, and program design, implementation, and evaluation. Students will also learn about scientific, ethical, administrative, procedural, and aesthetic considerations in the design of behavior change procedures.

1. Students will identify the critical features involved in designing behavioral programs for a variety of behaviors and populations.

2. Students will write behavior change programs for a variety of target behaviors and populations.

3. Students will summarize, in behavior analytic language, the intervention literature for a particular behavior of interest.
Readings

Textbook

Videos

Articles & Chapters
Readings are available at Copypro. Ask for BEHV 5560: Developing Behavior Intervention Programs.
Greenspoon and Rosales-Ruiz is available in Blackboard.

Recommended Books


Students Activities

Discussion Topics

Students will write at least one discussion topic about the content of each of the assigned readings. You may challenge or praise the usefulness of the facts, concepts, and analyses presented in the readings. You can give an overall reaction to the readings, or focus on a particular issue, or both. You can also comment about the clarity of the readings.

Class Presentation

Students will present one topic from this course to the class. The presentation will contain a list of the technical terms used in the readings, an outline of the concepts from the readings, and a description of the main research and/or teaching procedures. During the presentation, the student will be responsible for the class discussion. The student will prepare a written summary containing the materials used for the presentation plus an evaluative review of the topic. A list of recommended readings may be included.

Exploratory Log Project

Students will complete a contingency analysis project of the circumstances and events in their own life. The student will collect exploratory logs for at least two complete weeks. Then, the student will write a brief report discussing the patterns of behavior that they discover and the relation of these patterns to the environment.

Formulating Behavioral Programs

Four take-home assignments will be given during the semester. Each will consist of analyzing the given information and then determining if there is enough information to write a behavior change program to teach, replace, or maintain some behavior. If critical pieces of information are lacking, the student will describe what other information is needed.
Designing An Errorless Program

Students will work with a partner to design an errorless teaching program using PORTL. Students will design an initial plan and then test it with multiple learners, making improvements at each step. The ultimate goal will be a set of steps that teach the behavior without errors. A list of topics will be given in class.

Literature Review

Students will select one behavior in their area of interest (e.g., business, education, family, etc.) and review the literature for at least the past 10 years. Students will then prepare an annotated bibliography, a summary of the types of procedures used, and their success. The review should also include a comparison of the different programs and recommendations to improve the programs.

Grades

<table>
<thead>
<tr>
<th>Student Activity</th>
<th>% of Grade</th>
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<tbody>
<tr>
<td>1. Discussion topics</td>
<td>20%</td>
</tr>
<tr>
<td>2. Class presentation</td>
<td>10%</td>
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<tr>
<td>3. Exploratory log project</td>
<td>15%</td>
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<tr>
<td>4. Formulating behavioral programs</td>
<td>15%</td>
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<tr>
<td>5. Designing an errorless program</td>
<td>20%</td>
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<tr>
<td>6. Literature review</td>
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ADA Statement

The Department of Behavior Analysis, in cooperation with The Office of Disability Accommodation, complies with the Americans with Disabilities Act. Please present your written accommodation request to me before the 4th class meeting.
Topics and Readings

Week 1: Introduction

Week 2: An Overview of Behavioral Intervention


Week 3: Models of Behavioral Intervention


WDWGFH - Video 1

Week 4: The Client, Outcomes, and Supporting Environments


Week 5: The Measurement of Behavior


Week 6: Extraorganismic Sources of Control


Week 7: Intraorganismic Sources of Control


Shapiro, D. & Surwit, R. (1976). Learned control of physiological function and disease, pp. 74-123

Week 8: Analysis of Controlling Variables


Week 9: Linear and Non-linear Analysis of Behavior


Read only pp. 49-62 and all if you are brave 😊.


Week 10: The Constructional Questionnaire and its Application


Week 11: Design of Behavior Intervention Programs


WDWGFH - Video 6, 7, 8.

Week 12: Levels and Structure of Performance Analysis


Week 13: Knowledge Strategies and Tactics


Full References


