

Course title **Behavior Modification**

Course number Psych 322-A01-SU06

Course discipline Psychology

Course description Behavior modification is a comprehensive technology for the improvement of behavior based on scientifically derived and empirically demonstrated principles of learning. Behavior modification has been applied to a wide variety of persons and many different types of issues. This course is designed to impart fundamental knowledge on the philosophy, principles, and procedures of behavior modification and to illustrate its evidence-based application in a variety of areas.

Course date Monday May 22 through June 22, 2006

Location Enterprise 274

Deadlines Last day to add: May 26th, last day to drop: June 1st

Meeting day(s) Monday/Tuesday/Wednesday/Thursday

Meeting time(s) 11:45 a.m. to 1:50 p.m.

Prerequisite(s) Permission of the instructor

Course Goals The goals of this course are to:

- Review elementary principles and procedures of behavior modification
- Acquaint students with empirical and theoretical underpinnings of the field by providing advanced discussion and references to the classical and current research literature in the field.
- Enable students to think about behavior modification critically and creatively
- Provide practical know-how skills

Requirements Students are expected to attend class regularly and to participate actively in class activities and projects. After each section throughout the course a short multiple-choice quiz will be made available on-line for a limited period of time during which students have to answer the questions and submit their answers electronically to the instructor. In addition, there will be a midterm and a final exam.

Course Grading Maximum number of points to be earned = 1511

- *Quizzes* – A total of 27 quizzes with 13 multiple choice questions each will be available, at least one quiz after each lesson. Each correct answer accounts for 1 point (**351** points maximum).
- *Midterm* - 50 midterm questions - 9 points for each correct answer (**450** points maximum).
- *Final Exam* - 50 final exam questions - 9 points each for each correct answer (**450** points maximum).
- *Practicum* reports – A total of 15 exercises are scheduled to illustrate the course material. Each adequate completion of a practicum earns a maximum of 20 points (**300** points maximum).

1460	1511	A+	4.00
1400	1459	A	4.00
1300	1399	A-	3.67
1220	1299	B+	3.33
1140	1219	B	3.00
1060	1139	B-	2.67
980	1059	C+	2.33
940	979	C	2.00
920	939	C-	1.67
900	919	D	1.00
0	900	F	0.00

Instructor's name Johannes Rojahn, Ph.D.

Phone & Email 703-993-4241; jrojahn@gmu.edu

Office location Center for Cognitive Development, 10340 Democracy Lane, Suite 202

Office hours Friday, 11:00 am - 12:00 pm

Required reading *Behavior modification: What it is and how to do it*, Martin, G. & Pear, J., Prentice Hall, 2005 (8th edition), 0-13-194227-1

This is a reminder that the **University Honor Code** will be followed in this course. Each student is responsible for knowing the rules, regulations, requirements, and academic policies of the university.

Weekly Schedule

Lesson 1	INTRODUCTION; AREAS OF APPLICATION
Date	Monday, 5/22/06
Readings & Assignments	Chapters 1 & 2
Lesson 2	POSITIVE REINFORCEMENT; CONDITIONED REINFORCEMENT
Date	Tuesday, 5/23/06
Readings & Assignments	Chapters 3 & 4; practicum 1
Lesson 3	EXTINCTION; INTERMITTENT REINFORCEMENT TO INCREASE BEHAVIOR
Date	Wednesday, 5/24/06
Readings & Assignments	Chapters 5 & 6; practicum 2
Lesson 4	INTERMITTENT REINFORCEMENT TO DECREASE BEHAVIOR
Date	Thursday, 5/25/06
Readings & Assignments	Chapter 7; practicum 3
Lesson 5	STIMULUS DISCRIMINATION AND GENERALIZATION; FADING
Date	Tuesday, 5/30/06
Readings & Assignments	Chapter 8 & 9; practicum 4
Lesson 6	SHAPING; CHAINING
Date	Wednesday, 5/31/06
Readings & Assignments	Chapters 10 & 11
Lesson 7	PUNISHMENT; ESCAPE AND AVOIDANCE CONDITIONING
Date	Thursday, 6/1/06
Readings & Assignments	Chapters 12 & 13, practicum 5
Midterm	Thursday, 6/5/06
Lesson 8	RESPONDENT CONDITIONING; COMBINING OPERANT AND RESPONDENT CONDITIONING
Date	Tuesday, 6/6/06
Readings & Assignments	Chapters 14 & 15; practicum 8
Lesson 9	GENERALITY OF BEHAVIORAL CHANGE; RULES AND GOALS – RULE GOVERNED BEHAVIOR
Date	Wednesday, 6/7/06
Readings & Assignments	Chapters 16 & 17; practica 7 & 8
Lesson 10	MODELING, GUIDANCE, AND SITUATIONAL INDUCEMENT; MOTIVATION
Date	Thursday, 6/8/06
Readings & Assignments	Chapters 18 & 19; practicum 9
Lesson 11	BEHAVIORAL ASSESSMENT, DIRECT BEHAVIORAL ASSESSMENT
Date	Monday, 6/12/06
Readings & Assignments	Chapters 20 & 21; practicum 10
Lesson 12	FUNCTIONAL ASSESSMENT AND ANALYSIS; SINGLE SUBJECT EXPERIMENTAL DESIGNS
Date	Tuesday, 6/13/06
Readings & Assignments	Chapters 22 & 23; practicum 11
Lesson 13	PLANNING, APPLYING, AND EVALUATING A TREATMENT PROGRAM; TOKEN ECONOMIES; SELF-
Date	Wednesday, 6/14/06
Readings & Assignments	Chapters 24, 25, 26; practica 12 & 13

Lesson 14	GOGNITIVE BEHAVIOR MODIFICATION & AREAS OF BEHAVIOR THERAPY
Date	Thursday, 6/15/06
Readings & Assignments	Chapter 27, 28; practicum 14

Lesson 15	HISTORICAL PERSPECTIVE AND ETHICAL ISSUES
Date	Monday, 6/19/06
Readings & Assignments	Chapter 29, 30; practicum 15

Final Exam	Thursday, 6/22/06, 1:30 p.m.- 4:15 p.m.
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If you are a student with a disability and you need academic accommodations, please see me and contact the Disability Resource Center (DRC) at 703-993-2474. All accommodations must be arranged through that office.