

EDHD 460 EDUCATIONAL PSYCHOLOGY

Fall 2017

MW 11:00 am-12:15 pm

ASY 3203

INSTRUCTOR: Yuting Sun
OFFICE LOCATION: 3240 Benjamin Building
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OFFICE TELEPHONE NO: (301) 405-1304
OFFICE HOURS: Mondays 1:30-2:30pm and by appointment

MATERIALS:

Primary Text

Alexander, P. A. (2006). Psychology in learning and instruction. Upper Saddle River, NJ: Pearson.

Supplemental Readings:

Chapters from Goetz, E. T., Alexander, P. A., & Ash, M. (1992). Educational psychology: A classroom perspective. Columbus, OH: Charles E. Merrill.

Other reading materials will be posted on ELMS.

COURSE DESCRIPTION:

Educational psychology is primarily the application of psychology to learning processes and theories. This course will cover such topics as individual differences, measurement, motivation, emotions, intelligence, attitudes, problem solving, thinking and communicating in educational settings.

As one of the foundations of psychology and education, educational psychology can provide insights into the nature of the learners and the learning process. While human learning is often associated with formal education and schooling, learning unfolds wherever humans live and work; that is both in school and in the world at large. In order to more fully understand human learning and human development, we will explore a range of topics including knowledge, strategic thinking, problem solving, motivation, collaboration, measurement, and individual differences. In EDHD 460 Educational Psychology, we will examine (a) theory and research that have direct implications for understanding the complexity of human learning, and (b) applications that have developed from this theory and research that can inform how we learn or how we can guide the learning and development of others.

COURSE OBJECTIVES:

By the end of this course, students will be able to:

- Demonstrate knowledge of learning theories and psychological constructs on formal and informal assessments;
- Apply educational psychology concepts and procedures to various activities;
- Interpret and critique readings dealing with educational psychology topics on assignments and in class discussions;
- Communicate their knowledge of learning theories and research through class discussions.

ASSESSMENT:

Exams: (70% of total grade)

There will be three exams over the semester. The exams will mainly consist of short-answer and extended response questions. Test 1 and Test 2 will each make up 20% and Test 3 (final exam) will make up 30% of the total grade.

Assignments: (20% of total grade)

There will be two major assignments. Specific information and requirements on these assignments will be provided in class.

- 1) **Behavioral Intervention Report:** You will conduct a mini behavioral intervention using either classical or operant conditioning over the course of three weeks and complete a report on this activity. (10%)
- 2) **Self-Constructed Test:** You will create your own test on the content of educational assessment, using what you have learned about how to write good test items from class and the readings. (10%)

Class Activities and Participation: (10% of total grade)

There will be many in-class and several out-of-class activities throughout the semester to stimulate your thinking and deepen your understanding of the relevant topics. You will be required to turn in worksheets or short reflections on these activities periodically. This portion of grade will be assigned based on the degree of your verbal participation in class and completion of at least 5 worksheets or short reflections associated with these activities. A Check +, Check, or Check – will be assigned to each submitted worksheet/reflection as an indication of the quality of the response.

Note: No tests or assignments will be accepted late unless prior instructor approval has been received. In the case of circumstances beyond student control, a university approved document will be needed to make up for any major graded events. Please Class Policies below for detail.

INSTRUCTOR RESPONSIBILITIES:

Those participating in this course can be assured that the instructor will:

- Overview the readings and clarify any key concepts and procedures addressed in those readings;
- Respect the views and ideas of students;
- Maintain a positive and stimulating learning environment;
- Return all assignments and tests in a timely manner;
- Provide clear and informative feedback on all assignments and tests.

STUDENT RESPONSIBILITIES:

It is expected that all students enrolled in EDHD 460 will:

- Read all specified chapters and assigned readings by the date specified;
- Attend all class lectures;
- Participate in class discussions;

- Complete all designated in-class or out-of-class assignments/activities by the date designated.

CLASS POLICIES

Please visit <http://www.ugst.umd.edu/courselatedpolicies.html> for detailed information on the University's policies with regard to undergraduate education.

Academic Integrity

The University of Maryland, College Park has a student-administered Honor Code and Honor Pledge. For more information on the Code of Academic Integrity or the Student Honor Council, please visit <http://www.studenthonorcouncil.umd.edu/whatis.html>. This Code sets standards for academic integrity at Maryland for all undergraduate and graduate students. As a student you are responsible for upholding these standards for this course. It is very important for you to be aware of the consequences of cheating, fabrication, facilitation, and plagiarism. The code prohibits students from cheating, fabrication, facilitating academic dishonesty, and plagiarism. Instances of this include submitting someone else's work as your own, submitting your own work completed for another class without permission, or failing to properly cite information other than your own (found in journals, books, online, or otherwise). Any form of academic dishonesty will not be tolerated, and any sign of academic dishonesty will be reported to the appropriate University officials.

Special Needs

If you have a registered disability that will require accommodation, please see the instructor so necessary arrangements can be made. If you have a disability and have not yet registered with the University, please contact Disability Support Services in the Shoemaker Building (301.314.7682, or 301.405.7683 TTD) as soon as possible.

Religious Observances

The University of Maryland policy on religious observances states that students should not be penalized in any way for participation in religious observances. Students shall be allowed, whenever possible, to make up academic assignments that are missed due to such absences. However, they must contact the instructor before the absence with a written notification of the projected absence, and arrangements will be made for make-up work or examinations.

Course Evaluations

As a member of our academic community, students have a number of important responsibilities. One of these responsibilities is to submit course evaluations each term through CourseEvalUM in order to help faculty and administrators improve teaching and learning at Maryland. All information submitted to CourseEvalUM is confidential. Campus will notify you when CourseEvalUM is open for you to complete your evaluations for fall semester courses. Please go directly to the website (www.courseevalum.umd.edu) to complete your evaluations. By completing all of your evaluations each semester, you will have the privilege of accessing online, at Testudo, the evaluation reports for the thousands of courses for which 70% or more students submitted their evaluations.

Course Absences

Missed single class due to illness: Once during a semester, a student's self-authored note will be accepted as an excuse for missing a minor scheduled grading event in a single class session if the note documents the date of the illness, acknowledgement from the student that information

provided in the note is correct, and a statement that the student understands that providing false information is a violation of the Code of Student Conduct. Students are expected to attempt to inform the instructor of the illness prior to the date of the missed class.

Major scheduled grading events: Major Scheduled Grading Events (MSGE) are indicated on the syllabus. The conditions for accepting a self-signed note do not apply to these events. Written, signed documentation by a health care professional, or other professional in the case of non-medical reasons (see below) of a University-approved excuse for the student's absence must be supplied. This documentation must include verification of treatment dates and the time period for which the student was unable to meet course requirements. Providers should not include diagnostic information. Without this documentation, opportunities to make up missed assignments or assessments will not be provided.

Non-consecutive, medically necessitated absences from multiple class sessions: Students who throughout the semester miss multiple, non-consecutive class sessions due to medical problems must provide written documentation from a health care professional that their attendance on those days was prohibited for medical reasons.

Non-medical excused absences: According to University policy, non-medical excused absences for missed assignments or assessments may include illness of a dependent, religious observance, involvement in University activities at the request of University officials, or circumstances that are beyond the control of the student. Students asking for excused absence for any of those reasons must also supply appropriate written documentation of the cause and make every attempt to inform the instructor prior to the date of the missed class.

COURSE GRADING:

Your grade for this course will be determined in the following manner:

TEST 1	20%
TEST 2	20%
TEST 3 (Final Exam)	30%
ASSIGNMENTS (10% each)	20%
CLASS ACTIVITIES/PARTICIPATION	10%

TOTAL	100%

Grading Scale

98.0000% - 100% A+
92.0000% - 97.9999% A
90.0000% - 91.9999% A-
88.0000% - 89.9999% B+
82.0000% - 87.9999% B
80.0000% - 81.9999% B-
78.0000% - 79.9999% C+
72.0000% - 77.9999% C
70.0000% - 71.9999% C-
68.0000% - 69.9999% D+
62.0000% - 67.9999% D
60.0000% - 61.9999% D-
59.9999% and below F

COURSE SCHEDULE

Week	Date	Topic	Readings	Class Activities/Assignments
Week 1	Aug 28	Course Overview		
	30	What is Learning Anyway?	Alexander: IM vs. KB	
Week 2	Sept 4	No Class (Labor Day)		
	6	Understanding Educational Trends	Ch. 1	<i>Activity: Behavioral Intervention Overview</i>
Week 3	11	Behaviorism in Theory	Supplemental Reading Ch. 6	
	13	Behaviorism in Practice	Supplemental Reading Ch. 7	<i>Activity: Behavioral Intervention Updates</i>
Week 4	18	Piaget's Theory of Cognitive Development	Ch.3 (p.36-48)	
	20	Vygotsky's Theory of Cognitive Development		
Week 5	25	Review Session		Assignment #1: Behavioral Intervention Report Due*
	27	TEST 1*		
Week 6	Oct 2	Nature of Knowledge and Knowing	Ch. 4 (p.64-72) Supplemental Reading Ch. 8 (p.298-316)	<i>Activity: Common Knowledge Activity</i>
	4	Nature of Knowledge and Knowing	Ch. 4 (p.72-88)	
Week 7	9	Changing Knowledge and Beliefs	Ch. 6 (p.121-135)	<i>Activity: Relation between Knowledge and Beliefs</i>
	11	Promoting Transfer	Ch. 6 (p.135-145)	
Week 8	16	Information Processing and Memory	Supplemental Reading Ch. 8 (p.316-336)	<i>Activity: Testing Your Memory</i>
	18	Information Processing and Memory	Supplemental Reading Ch. 9	
Week 9	23	Strategies and Skills for Learning	Ch. 7	<i>Activity: Assessing the Problem-Solving IQ</i>
	25	Problem-Solving and Reasoning	Ch. 8	<i>Activity: Problem-Solving Profiling Task</i>
Week 10	30	Relational Reasoning	Alexander et al. (2016)	<i>Activity: Testing Your Relational Reasoning Ability</i>

	Nov 1	Development of Domain Knowledge and Expertise	Alexander (1997)	
Week 11	6	Review Session		
	8	TEST 2*		
Week 12	13	Assessment, Testing, and Measurement	Ch. 13	<i>Activity: Testing Assessment Knowledge</i>
	15	Traditional and Alternative Approaches to Teacher-Made Tests	Ch. 14	<i>Activity: Putting What You Know about Assessment to the Test</i>
Week 13	20	Constructing Better Assessments		
	22	Thanksgiving Break		
Week 14	27	Motivation and Academic Achievement	Ch. 9	<i>Activity: Goal Orientation Measures</i> Assignment #2: Self-Constructed Test Due*
	29	Motivation and Academic Achievement		
Week 15	Dec 4	Self-Perceptions and Self-Beliefs	Ch. 10	<i>Activity: Murray's Taxonomy of Needs</i>
	6	Self-Perceptions and Self-Beliefs		<i>Activity: Self-Efficacy Beliefs Measure</i>
Week 16	11	Final Review		
	15	FINAL EXAM* 8:00-10:00 am		

*Major Scheduled Grading Event