Administrative Unit: Education Department  
Course Prefix and Number: EDUC 560  
Course Title: Theories of Learning

DIGITAL DESCRIPTIONS

<table>
<thead>
<tr>
<th>STUDENT DESCRIPTION:</th>
<th>PAY-HOUR DESCRIPTION:</th>
</tr>
</thead>
<tbody>
<tr>
<td># Cr Hrs - # Lec Hrs - # Lab Hrs</td>
<td>Total # = Lec Hrs + Lab Hrs</td>
</tr>
<tr>
<td>3 - 3 - 0</td>
<td>3 = 3 + 0 X 2/3</td>
</tr>
</tbody>
</table>

Catalog Description: The study of major learning theories including those proposed by Skinner, Pavlov, Bandura, Piaget, Bruner, Sternberg, and others. Current and historical research into the application of theoretical knowledge in education systems are addressed. Prerequisite: Graduate Standing.

Prerequisites/Corequisites: Graduate Standing.

Text:  

Course Objectives: Students will:

1. Examine key concepts, principles and theoretical issues related to problems in human learning.
2. Develop an understanding of foundational learning theories used in education.
3. Explore current scientific research findings in human learning.
4. Demonstrate library research and academic writing skills by writing descriptive and critical essays in APA style and format.
5. Actively participate in a discourse related to leading ideas in learning theory by responding to discussion themes presented weekly by the instructor and by identifying and critiquing articles on learning from scholarly journals.

6. Choose a major theory, select literature supporting the theory, write a reflective scholarly essay critiquing the theory and present their study to the class.

7. Participate in the Oxford instructional model. In this model instruction is individually directed and students are expected to become independent, self-directed scholars.

Topical Outline: The course is organized into the following 8 units:

Unit 1 Foundations of Human learning
Unit 2 Classical Behavioral Theories
Unit 3 Operant and Radical Behavioral Theories
Unit 4 Learning and Biology: Evolutionary Psychology
Unit 5 Cognitive Theories and Neural Network Theories
Unit 6 Memory
Unit 7 Motivation and Learning
Unit 8 Analysis, Synthesis, and Integration

Recommended maximum class size for this course: 15

Prepared by: Ronald D. Taylor, Ed.D.

Date: December 27, 2000

NOTE: The intention of this master course syllabus is to provide a general outline of the contents of this course, as specified by the faculty of Columbia College, regardless of who teaches the course, when it is taught, or where it is taught. This generic outline is not intended to restrict the way any individual faculty member teaches the course. The master syllabus, therefore, should be general enough to allow for a diversity of individual approaches to teaching the course, while at the same time it provides guidance on what the course should cover.